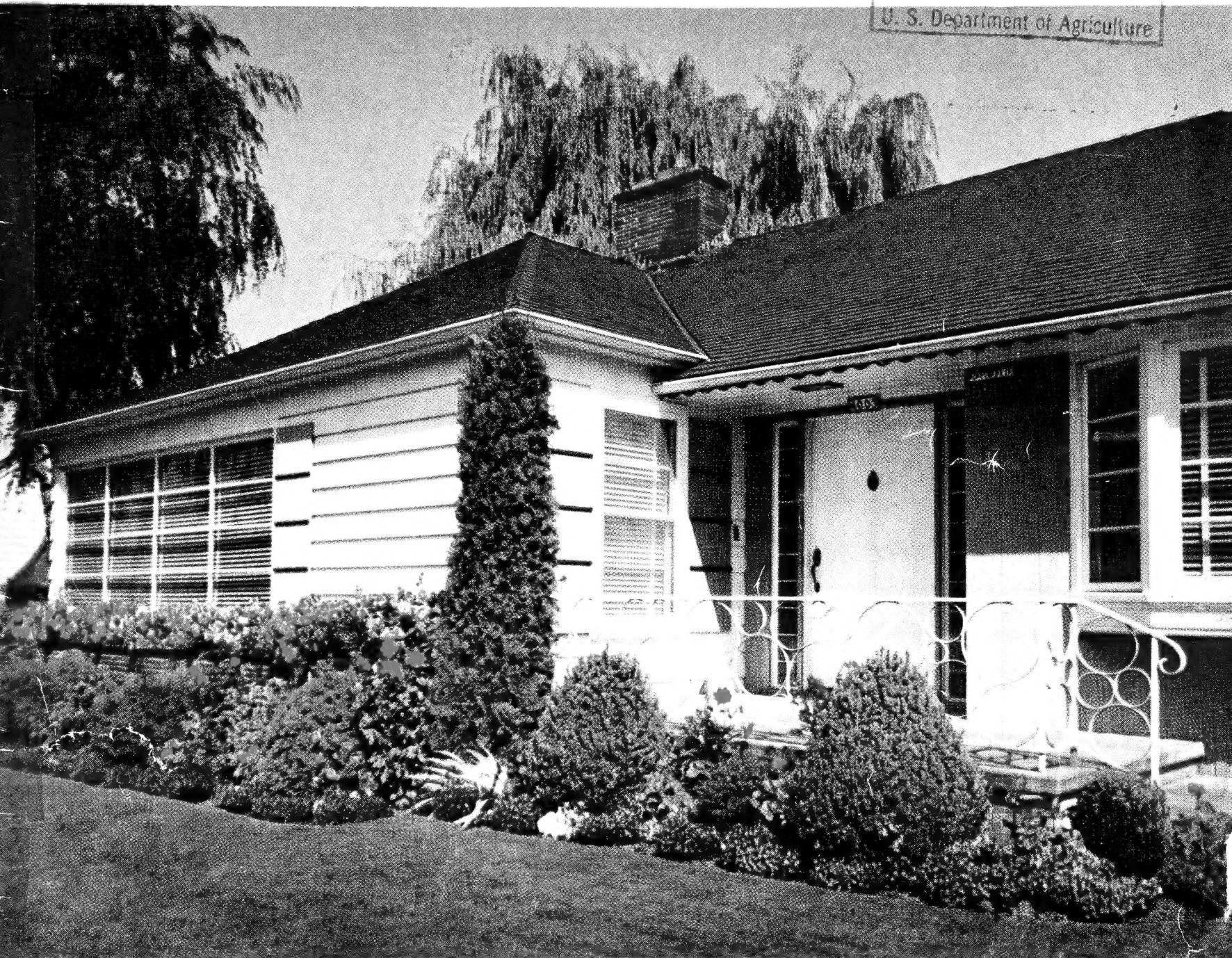


1957  
59th  
Year

# Gould's

**SEED ANNUAL**



## **R. L. Gould & Company**

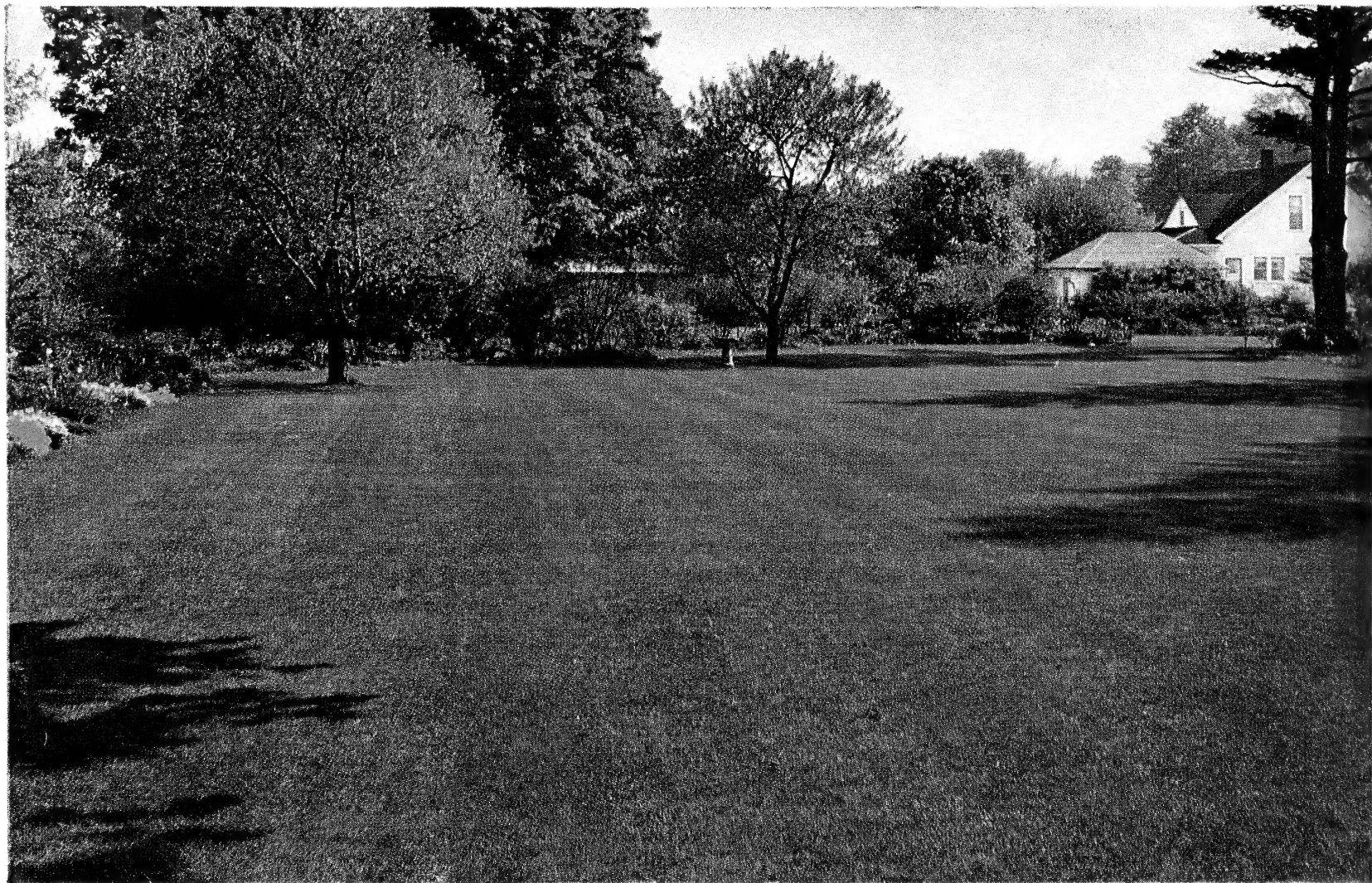
*Seedsman Since 1898*

**500 JACKSON ST.**

Phone  
CApital 4-7843

**ST. PAUL 1, MINN.**





A Fine Lawn Creates an Atmosphere of Refinement

High in  
Germination

## LAWN GRASS SEED

Tops in  
Quality

Especially Adapted to the Upper Mid-West

A fine lawn is the most important feature of the home grounds. A beautiful lawn not only adds to the value of the home but imparts an air of dignity and refinement. Nothing sets off the house so well as a properly made, and well kept lawn.

To maintain a good lawn, the regular feeding of fertilizer is necessary in spite of all the seed you may apply. Otherwise the lawn will gradually starve for want of plant food and take on a lifeless appearance; easily subject to winter-killing. Good seed and regular feeding will do wonders in keeping the lawn fresh and green. See special fertilizer page for lawn fertilizers.

Prices Quoted Are Not Postpaid. Include Postage With Mail Orders.

### Super Lawn Grass Seed

For over 58 years we have been authorities on mixing good Lawn Seed. The right formula is very important to produce a good, quick and permanent sod. Also, our reputation has been built on high germinating seed in our various mixtures. It is these many years of experience that assures you of super-quality seed, especially adapted to our upper mid-west climate conditions. You will marvel at the sturdy growth you will get from our Reliable Lawn Grass Mixture. Follow the planting directions in each package.

### Gould's Reliable Shady Lawn Grass Seed

Where trees or houses shade the lawn the greater part of the day and keep out the sun, it is a problem to get grass to grow. Growing grass in shaded places seems at times almost hopeless, but this is often due to planting the wrong kind of seed. In Gould's Shady Lawn Grass we have combined a special mixture of those varieties of grass seed that do well in the shade. Sow at the rate of 1 pound to 150 square feet of new lawn.

1 lb. ....	\$1.25	3 lbs. ....	\$3.65	10 lbs. ....	\$11.75
2 lbs. ....	2.45	5 lbs. ....	6.00	25 lbs. ....	28.75
		100 lbs. ....	\$113.00		

### Gould's Reliable Lawn Grass Seed

Gould's Reliable Grass Mixture is the result of our many years of experience in the mixing of different grass seeds that will produce a quick, thick, permanent sod of deep-rooting grasses to withstand our northern winters. It is composed of clean, heavy seed of the highest purity and vitality. For new lawns sow at the rate of 1 lb. to 150 square feet.

1 lb. ....	\$1.60	3 lbs. ....	\$4.70	10 lbs. ....	\$15.00
2 lbs. ....	3.15	5 lbs. ....	7.75	25 lbs. ....	36.25
		100 lbs. ....	\$143.00		

### Gould's Reliable Lawn Grass Seed No Clover

This mixture is identical to the above Lawn Grass excepting that it contains no Clover, but instead added Blue Grass.

1 lb. ....	\$1.60	3 lbs. ....	\$4.70	10 lbs. ....	\$15.00
2 lbs. ....	3.15	5 lbs. ....	7.75	25 lbs. ....	36.25
		100 lbs. ....	\$143.00		

### Special Lake Shore Lawn Seed

This mixture is especially desirable for lake shores and around summer cottages where it is not always possible to give the best of care in establishing a lawn. Seed at the rate of 1 lb. to 200 square feet of new lawn.

1 lb. ....	\$1.10	5 lbs. ....	\$ 5.25	25 lbs. ....	\$25.00
2 lbs. ....	2.15	10 lbs. ....	10.25	100 lbs. ....	95.00

### Gould's Reliable Terrace Lawn Seed

A variety of grasses for embankments, terraces and steep hill-sides, that grow long, strong, spreading roots so as to withstand heavy rains from washing out the sod or soil. The deep-rooted grasses also resist drought to a marked degree.

1 lb. ....	\$1.35	5 lbs. ....	\$ 6.50	25 lbs. ....	\$30.00
2 lbs. ....	2.65	10 lbs. ....	12.50	100 lbs. ....	112.50

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**ORDER EARLY** Many items are in short supply. Also you will have the things you want when you are ready to use them. Avoid the Spring rush delay.



**COMO PARK LAWN SEED**—This is a mixture of selected seed for those who want a good low-priced lawn seed. Como Park is not as high grade as Gould's Reliable Lawn Seed, but is a good mixture at the price. It will grow quickly and form a permanent sod. Sow at the rate of 1 lb. to 100 square feet, for new lawn. In 1-lb. pkg. only, 59c.

**HOME LAWN SEED**—A mixture of grasses, similar to Como Park. Seed 1 lb. to 100 square feet for new lawn. 1 lb.....\$0.59 5 lbs.....\$2.75 25 lbs.....\$12.50

**WHITE DUTCH CLOVER**—This is the best small leaved clover for lawns. Clover adds humus and nitrogen to the soil. Does well on all soils. Especially valuable in lawns that cannot be watered regularly. ¼ lb., 45c; ½ lb., 95c; 1 lb., \$1.80; 2 lbs., \$3.55; 5 lbs., \$8.75; 10 lbs., \$17.00. Postage extra on mail orders.

**KENTUCKY BLUE GRASS**—This hardy perennial grass is one of the very best for our Northern climate and the base for most good lawn seed mixtures. Forms a dense sod but is very slow to germinate. It is advisable to mix red top or rye grass with Blue Grass when sowing, to act as a nurse crop. In established lawns Blue Grass can be sown alone. 1 lb., \$1.55; 2 lbs., \$3.00; 3 lbs., \$4.45; 5 lbs., \$7.00; 10 lbs., \$13.75; 25 lbs., \$33.75; 100 lbs., \$130.00.

**RED TOP**—Makes an excellent sod but is not as permanent as Blue Grass when clipped close. Germinates quickly and for that reason makes an excellent nurse crop to sow with Blue Grass. 1 lb., \$1.25; 2 lbs., \$2.45; 3 lbs., \$3.60; 5 lbs., \$5.75; 10 lbs., \$11.00; 25 lbs., \$26.50; 100 lbs., \$100.00.

**POA TRIVIALIS**—A fine bladed perennial grass of the Blue Grass family that thrives in the shade. 1 lb., \$1.25; 5 lbs., \$6.00; 10 lbs., \$11.50.

**MERION KENTUCKY BLUE GRASS**. One of the newest and most important lawn grass introduction in the last century. Stays green all summer. Stands close cutting, is drought and disease resistant. 1 lb. will cover 700 square feet; three times as much as standard Blue Grass. ½ lb., \$2.00; 1 lb., \$3.35; 5 lbs., \$16.00.

**RELIABLE MERION KENTUCKY BLUE GRASS MIXTURE**. Contains 40% straight Merion Blue Grass seed, plus perennial Red Top, Creeping Red Fescue and Highland Bent. This will produce a thick and beautiful turf that will stay a deeper green all summer. 1 lb., \$2.50; 5 lbs., \$12.00; 10 lbs., \$23.50; 25 lbs., \$56.25.

#### Crown Vetch

It's attractive for steep banks, along roads or gullies and best of all, stops erosion. Needs no mowing or maintenance, grows in sun or shade. Seems to grow where nothing else will. Is drought and cold resistant. Sow rye grass or red top with Crown Vetch as an extra protection. Crown Vetch has pink and white flowers that bloom all summer. Price, one lb., \$6.00; 5 lbs., @ \$5.50 a lb.



45 inches wide, 35c the running yard.

#### MIRACLE GREEN LAWN SEED

Super, 1 lb., \$1.89; 3 lbs., \$5.65; 5 lbs., \$9.30; 25 lbs., \$45.75. High Quality, 1 lb., \$1.29; 3 lbs., \$3.85; 5 lbs., \$6.30; 25 lbs., \$30.75.

#### NORTHROP KING & CO. LAWN SEED

Golf Brand, 1 lb., \$1.95; 5 lbs., \$9.50; 25 lbs., \$46.25. Fore or Sterling, 1 lb., \$1.55; 5 lbs., \$7.50; 25 lbs., \$36.25.

### Earth or Peat by the Load. Sod by the Yard.

Due to the uncertainty of labor costs at the time this catalog is being printed in January, we are unable to quote prices on above. Please phone for price.

**SEASIDE BENT**. A consistent surface creeping variety. Is of a rather bright green color, and does not grow very tall because of its trailing habit of growth. It spreads rapidly and forms a matlike sod quickly. Sow at the rate of 3 lbs. to 1,000 square feet. 1 lb., \$3.50; 5 lbs., \$16.25; 10 lbs., \$32.00; 25 lbs., \$75.00.

**ASTORIA BENT** produces underground creepers several inches deep, and has considerable more upright growth than the Seaside. The grass is somewhat longer and not as wide and of a darker green color. Is better suited to well-drained soils. Seed at the rate of 3 lbs. to 1,000 square feet for new lawn. 1 lb., \$1.75; 5 lbs., \$8.50; 10 lbs., \$16.00; 25 lbs., \$37.50; postage extra on mail orders.

**HIGHLAND BENT**. A fine textured, but a little wider blade than Astoria. Color deep green with a bluish cast. Spreads by means of underground runners. Does well in sun or shade. Fairly tolerant to dry conditions. Is cold resistant. Germinates in 7 to 11 days. 1 lb., \$1.55; 5 lbs., \$7.50; 10 lbs., \$14.50; 25 lbs., \$35.50.

### Creeping Bent Grass Plugs

For quick growth and spread, Bent Grass plugs establish a green turf much faster than by seeding. The Minnetonka Bent Plugs are perfectly hardy, here in the Northwest. Water well first three weeks.

#### MINNETONKA PLUGS, 1½-inch diameter;

100 .....	\$1.65	500 .....	\$ 7.50
300 .....	4.75	1000 .....	14.00

Minnetonka Plugging Machine.....\$4.75

### Creeping Bent Stolons

For anyone who prefers to plant stolons, a new lawn can be developed in about three months after planting. Bag, enough for 300-500 sq. ft., \$5.00.

**ATHLETIC FIELD GRASS MIXTURE**. This special combination of fast growing hardy turf grasses is composed of those proven grasses that will withstand rough usage and drought. We include only the highest grade of seed. Price, 1 lb., \$1.25; 2 lbs., \$2.45; 5 lbs., \$6.00; 10 lbs., \$10.00; 25 lbs., \$22.50; 50 lbs., \$42.50; 100 lbs., \$85.00.

**RYE GRASS, ANNUAL**—A very quick growing grass that makes a green lawn in a short time. Does not live as long as Blue Grass. Used mostly as a nurse crop in mixtures. 1 lb., 45c; 5 lbs., \$1.75; 10 lbs., \$3.00; 25 lbs., \$6.00; 100 lbs., \$20.00.

**PERENNIAL RYE GRASS**. Usually not winter hardy in our Upper Mid-west. Has medium wide blades, germinates in 7 to 8 days. 1 lb., 75c; 5 lbs., \$3.00; 10 lbs., \$5.00.

**MEADOW FESCUE**. Produces a mass of fine blades, spreading to a solid, compact turf. Does well in poor or sandy soils and in the shade. Very drought-resistant. 1 lb., 75c; 5 lbs., \$3.00; 10 lbs., \$5.00.

**CREEPING RED FESCUE**. Is a fine bladed perennial grass that does well in shade and does better on poor and acid soils than Blue Grass. Spreads by underground runners. Hardy and stands cold and drought well. Germinates in about 10-14 days. 1 lb., \$1.20; 5 lbs., \$5.50; 10 lbs., \$10.00; 25 lbs., \$24.00.

**CHEWINGS FESCUE**. A fine leaved perennial, somewhat wiry, of bright green color. Does well in shade. Germinates in 10 to 14 days. Used for lawns in shaded areas. 1 lb., \$1.25; 5 lbs., \$4.50; 10 lbs., \$8.00; 25 lbs., \$19.20.

#### MEYER Z-252 ZOYSIA GRASS PLUGS

Developed by the U. S. Dept. of Agriculture. Easy to plant, fast growing. Will crowd out weeds and crabgrass. Free leaflet telling all about this new remarkable lawn grass sent on request. We are authorized dealer for genuine Meyer Z-52 Zoysia grass plugs.

100 plugs.....	\$ 7.95	300 plugs.....	\$21.95
200 plugs.....	14.95	600 plugs.....	39.95

Handy plugging tool.....\$1.95

F.O.B. Maryland—Express extra

Orders received, sent direct from grower.

### Kleen-Beach Pellets

A herbicide to kill offshore weeds in lakes, beaches and around dock areas. **SAFE FOR SWIMMERS—WILL NOT HARM FISH**. Kleen-Beach has been used to control weed growth in State operated Walleye Pike rearing ponds. In Minnesota the use of Kleen-Beach on public waters requires a permit from the Conservation Dept. A postcard requesting this permit is included with each can of Kleen-Beach. . . . In other states, if in doubt, consult your game warden or conservation authority for local regulations. . . . 2½ lb. can of Kleen-Beach will treat 2,000 sq. feet in any depth of water. Sow pellets like seed. Price, \$4.95; postpaid \$5.40.



weed-free swimming



weed-free fishing



## ASPARAGUS SEED

**CULTURE.** To start an asparagus bed from seed, sow 1 oz. to 50 feet of row early in the spring and transplant roots to permanent bed the following spring.

**MARY WASHINGTON★f.** One of the best of the rust-resistant varieties. A very vigorous grower, producing large succulent stalks of excellent quality. Shoots color to a dark green with purple shades at tip. Pkt., 15c; oz., 35c; ¼ lb., 90c; 1 lb., \$2.50.

ASPARAGUS ROOTS LISTED ON PAGE 27.

### ADD POSTAGE ON MAIL ORDERS

Vegetable seeds are postpaid only in packets. In larger amounts add postage at the Parcel Post rates given on this page on mail orders.

## PARCEL POST RATES FROM ST. PAUL

Lbs.	ZONE					
	Local	1-2	3	4	5	6
2	.20	.27	.29	.31	.36	.40
3	.21	.31	.34	.38	.45	.52
5	.24	.39	.44	.52	.63	.76
7	.27	.47	.54	.66	.82	1.00
8	.29	.51	.60	.73	.91	1.12
10	.32	.59	.70	.87	1.10	1.36
15	.39	.79	.96	1.21	1.56	1.96
20	.46	.99	1.21	1.56	2.02	2.56

## BEANS

**CULTURE.** To obtain a continuous supply of beans throughout the season, make plantings every two weeks from about May 10th to July 1st. Beans should be planted in rows 15 to 18 inches apart, thinning in the row to 3 or 4 inches apart. Do not cultivate or pick beans when plants are moist from dew or rain as this causes the spread of rust or Anthracnose.

### DWARF WAX VARIETIES

**UNRIVALLED, or EVERBEARING WAX★.** 53 TO 55 DAYS. The vines produce a heavy crop of handsome, pale yellow, long, semi-round pods. Pkt., 15c; ½ lb., 25c; 1 lb., 45c; 2 lbs., 85c; 5 lbs., \$2.00.

**KINGHORN.** 55 DAYS. A fine new bean, round pod, slightly curved, stringless, deep yellow, seed white. Pkt., 15c; ½ lb., 35c; 1 lb., 60c; 2 lbs., \$1.10; 5 lbs., \$2.50.

**TOPCROP★f.** 48 DAYS. A bean of high merit for both canning and freezing, mosaic resistant. Pods round, straight when young. Pkt., 15c; ½ lb., 30c; 1 lb., 50c; 2 lbs., 90c; 5 lbs., \$2.00.



Topcrop

**GREENCROP★f.** 52 DAYS. New All-America winner. Bean flat, tender, of good quality. For home garden or market. Pkt., 15c; ½ lb., 40c; 1 lb., 75c.

**SLENDERGREEN.** 54 DAYS. Pods 6-6½ in. long, pencil-shaped, medium dark green. Fine for canning. Pkt., 15c; ½ lb., 30c; 1 lb., 50c; 2 lbs., 95c.

**GOULD'S RELIABLE BRITTLE WAXf.** 52 to 55 DAYS. An excellent round podded variety for the home garden and canning. Absolutely stringless. Pkt., 15c; ½ lb., 35c; 1 lb., 60c; 2 lbs., \$1.10; 5 lbs., \$2.50.

**PENCIL POD BLACK WAX.** 52 TO 55 DAYS. One of the best, long, round podded varieties. Pkt., 15c; ½ lb., 25c; 1 lb., 45c; 2 lbs., 85c; 5 lbs., \$2.00.

### DWARF GREEN PODDED VARIETIES

**IMPROVED TENDERGREEN★f.** 54 DAYS. Mosaic resistant, six inch pods round stringless. Pkt., 15c; ½ lb., 25c; 1 lb., 45c; 2 lbs., 85c; 5 lbs., \$2.00.

**WADE'S★f.** 55 DAYS. Resistant to disease. Pods deep green, round, slender and straight. Pkt., 15c; ½ lb., 35c; 1 lb., 60c; 2 lbs., \$1.10.

**STRINGLESS GREEN PODf.** 53 DAYS. Pods, round, straight, tender, brittle and stringless. Pkt., 15c; ½ lb., 25c; 1 lb., 40c; 2 lbs., 75c; 5 lbs., \$1.75.

**GIANT STRINGLESS GREEN POD★f.** 55 DAYS. A good bean for canning. Pkt., 15c; ½ lb., 25c; 1 lb., 45c; 2 lbs., 85c; 5 lbs., \$2.00.

**SEMINOLE.** 55 DAYS. A 1955 All-America. A long, straight, big yielder. Disease resistant. Pkt., 15c; ½ lb., 35c; 1 lb., 60c; 2 lbs., \$1.10.

### POLE BEANS

**CULTURE.** Pole varieties must not be planted until the weather is settled and the ground warm. Set the poles about two to three feet apart, and in each hill plant six to eight beans, thinning when well started to the four strongest. A packet plants 15 hills; 1 lb., 100 hills.

**KENTUCKY WONDER or OLD HOMESTEADf.** 65 DAYS. The pods are green and almost round, often measuring 8 to 10 inches long. Pkt., 15c; ½ lb., 25c; 1 lb., 45c; 2 lbs., 85c; 5 lbs., \$2.00.

**KENTUCKY WONDER WAXf.** 68 DAYS. Similar to the green-podded Kentucky Wonder, but pods are light yellow. Pkt., 15c; ½ lb., 35c; 1 lb., 60c; 2 lbs., \$1.10.

**SCARLET RUNNER.** 65 DAYS. A bean that is edible as well as ornamental. It is a fine climber, quick growing. Pkt., 15c; ½ lb., 40c; 1 lb., 60c.

### LIMA BEANS

**CULTURE.** Limas should be planted a little later than the other running beans, in the most favorable location possible, as they are very late in maturing. Always plant with the eye down. The Bush Lima is more easily grown than the tall, and is earlier and more economical of space. The Pole Limas yield heavier.

**BURPEE'S IMPROVED BUSH LIMA★f.** 75 DAYS. Pods contain 4 or 5 large, pale green beans. Pkt., 15c; ½ lb., 30c; 1 lb., 50c; 2 lbs., 90c.

**FORDHOOK NO. 242★f.** 72 DAYS. Yields heavy, large, pale green beans. Pkt., 15c; ½ lb., 30c; 1 lb., 50c; 2 lbs., 90c.

**HENDERSON'S BUSHf.** 65 DAYS. It is known as "Baby Lima" and also as "Butter Bean." Pods contain 3 to 4 small flat beans with a greenish tint and delicious flavor. Pkt., 15c; ½ lb., 25c; 1 lb., 40c; 2 lbs., 75c.

**KING OF THE GARDEN POLE LIMA★.** 88 DAYS. Pods are large, filled with 4 or 5 large pale green beans of very fine quality. Pkt., 15c; ½ lb., 35c; 1 lb., 60c; 2 lbs., \$1.10.

### ADD POSTAGE ON MAIL ORDERS

Vegetable seeds are postpaid only in packets. In larger amounts add postage at the Parcel Post rates given on this page on mail orders.

### BANSEI EDIBLE SOY BEANS

Differ from the field varieties in that they are palatable for human consumption—really delicious. You can cook up the early tender pods like string beans. **BANSEI.** Pkt., 15c; ½ lb., 25c; 1 lb., 40c; 2 lbs., 75c; 5 lbs., \$1.75.

### FIELD BEANS

**CULTURE.** Beans thrive on most all soils, but better results are gained by the liberal use of fertilizer or planting in light, rich, well-drained loam. Beans are extremely sensitive to frost and moisture.

**RED KIDNEY (Dark).** 95 DAYS. Pods 6 to 7 inches long, flat, broad, straight. Fine for baking, chili and soups. ½ lb., 25c; 1 lb., 45c.

**BROWN OR SWEDISH.** 95 DAYS. This is a fine field bean of a light brownish color and medium size. Very fine for baking. ½ lb., 20c; 1 lb., 35c.

**CHOICE NAVY.** 90 DAYS. Is highly recommended on account of its heavy yield and disease-resistant quality. ½ lb., 25c; 1 lb., 40c; 2 lbs., 70c; 5 lbs., \$1.60.

**GREAT NORTHERN.** 96 DAYS. The seed is large, flat and slightly kidney shaped. It is a fine baker and is sometimes used as a small lima. ½ lb., 20c; 1 lb., 35c; 2 lbs., 65c.

The varieties marked with an italic *f* are best for freezing.



Inoculate beans with Nitragin. Increases yield immensely. Garden size, 25c; postpaid, 30c.

### MATURITY FIGURES

After the name of most vegetable varieties you will find figures representing the approximate number of days required to mature the plants, from the time of planting the seed to the time the vegetables are ready to eat.

### Market Gardeners and Florists

We do not issue a separate Market Gardeners' catalog and price list, but you will note that we list larger amounts than the small gardener buys, and these quantity prices are intended for the market gardener. Special flower seed price list for florists will be sent on request.

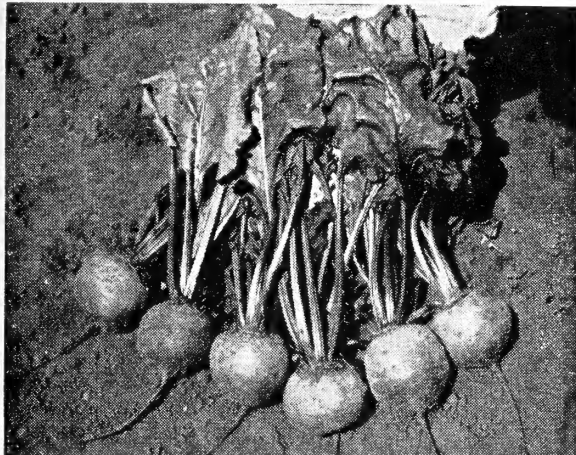


## BEETS

**CULTURE.** Any well-prepared light garden soil will produce good beets, although a rich, sandy loam brings the best results. Sow the seed about 1 inch deep in rows 15 to 24 inches apart. When plants are about 6 inches high they should be thinned to 3 or 4 plants to the foot. Those taken out at this time make excellent greens.

**CROSBY'S EGYPTIAN★. 55 DAYS.** Slightly flattened globe shape. It is sweet and tender, of dark purplish red color. Tops fine for greens. Pkt., 15c; oz., 30c; ¼ lb., 60c; 1 lb., \$1.30.

**GREEN TOP BUNCHING★. 58 DAYS.** Roots are nearly round during early growth, at maturity are slightly flattened; deep red in color. Interior is practically free from zoning. Pkt., 15c; oz., 30c; ¼ lb., 60c; 1 lb., \$1.40.



### SPECIAL CROSBY★.

52 DAYS. Outstanding for early bunching. Tops are short and dark green, tap root small, bulbs round with an excellent flavor. Pkt., 15c; oz., 30c; ¼ lb., 65c; 1 lb., \$1.50.

*Special Crosby Beet*

**GOULD'S DETROIT DARK RED★f (Short Top). 58 DAYS.** An ideal variety for the home garden. The roots are dark red, of excellent quality. Pkt., 15c; oz., 30c; ¼ lb., 65c; 1 lb., \$1.50.

**GOULD'S EARLY WONDER★ (Dark Strain). 52 DAYS.** Roots nearly globe shaped, of finest quality. Tops are small and ideal as a bunching beet. Pkt., 15c; oz., 30c; ¼ lb., 60c; 1 lb., \$1.30.

## BROCCOLI

**ITALIAN GREEN SPROUTING★f. 70 DAYS.** A delicious vegetable, with a distinctive flavor. Cook and serve the same way as asparagus or cauliflower. Forms a large, compact, bluish-green head. After this is cut, the plant produces numerous tender side shoots, each bearing a small head. Continues to bear from 8 to 10 weeks. Pkt., 15c; oz., 35c; ¼ lb., \$1.00.

## BRUSSELS SPROUTS

**LONG ISLAND IMPROVED★f. 90 DAYS.** Small heads or sprouts about one to two inches in diameter form on the stalks at each leaf joint. These may be boiled or creamed like cabbage or cauliflower. Pkt., 15c; oz., 60c.

## CARDOON

A perennial with greyish-green cut foliage belonging to the artichoke family. Grown for its fleshy almost spineless leaf stalks. Pkt., 15c; oz., 60c.

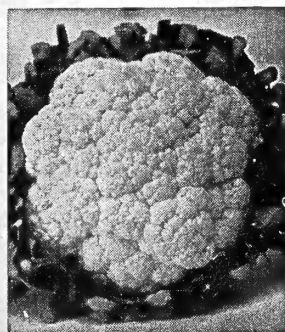
## CAULIFLOWER

**CULTURE.** For early use, the seed should be sown indoors either in a greenhouse, hotbed or in the house about six weeks before setting out. Sow the seed ½ to ¾ of an inch deep. When plants are one or two inches high they can be transplanted to about 3 inches apart, thereby developing into stronger plants. As soon as the soil can be worked, the plants may be set out, 2 to 2½ feet each way.

**SNOWDRIFT★f. 58 DAYS.** It is early, large and makes a beautiful solid white head of excellent quality. Pkt., 15c; ¼ oz., 50c; ½ oz., 80c; 1 oz., \$1.35.

**SNOWBALL★f. 56 DAYS.** Is considered a standard by the market gardener, also very desirable for the home garden. Pkt., 15c; ¼ oz., 40c; ½ oz., 60c; 1 oz., \$1.00.

**SUPER SNOWBALL★f. 57 DAYS.** It is early, a sure crop- per and very attractive. Heads are compact, medium large, pure white. Pkt., 15c; ¼ oz., 50c; ½ oz., 80c; 1 oz., \$1.35.



*Cauliflower*

## CABBAGE

**CULTURE FOR EARLY CABBAGE.** Seed of the early varieties should be sown ¾ of an inch deep in a greenhouse, hotbed or in boxes in the house, about 6 weeks before the plants are needed for planting out.

If, when the second leaves appear, the plants can be transplanted, spacing them 3 inches apart, better and more hardy plants will be obtained.

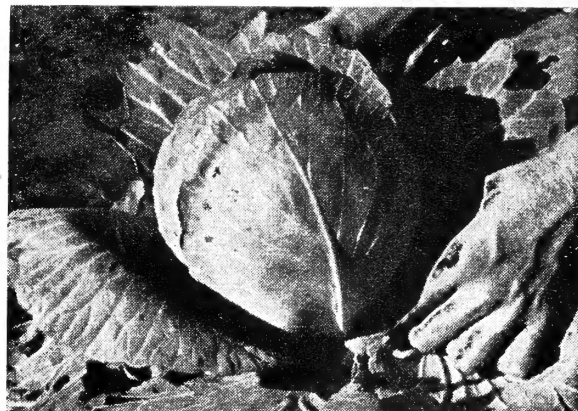
In spring the plants should be removed to the open field and set in rows 2 feet apart each way.

**CULTURE FOR LATE CABBAGE.** The seed may be sown in rows one foot apart or broadcast in the garden, about the middle of May, and the plants set in the field in June.

**MATURITY FIGURES.** After the name of most vegetable varieties you will find figures representing the approximate number of days required to mature the plants, from the time of planting the seed to the time the vegetables are ready to eat.

**EARLY JERSEY WAKEFIELD. 62 TO 65 DAYS.** Heads are very solid and conical in shape. Fine for home or market gardens. Pkt., 25c; oz., 50c; ¼ lb., \$1.35.

**GOLDEN ACRE★. 63 TO 65 DAYS.** An early round variety of the Copenhagen type. Pkt., 25c; oz., 50c; ¼ lb., \$1.35.



*Holland Short Stem Cabbage*

**COPENHAGEN MARKET★. 68 DAYS.** Heads grow upon a short stem, are solid and large. Its quality is extra fine and sweet. The leaves are tightly folded. Excellent for early kraut. Pkt., 25c; oz., 60c; ¼ lb., \$1.75.

**HOLLAND★ (Short Stem). 100 TO 105 DAYS.** The standard winter cabbage. For storage. Pkt., 25c; oz., 60c; ¼ lb., \$1.75.

**LATE FLAT DUTCH. 95 TO 105 DAYS.** An excellent fall and winter variety, and a good keeper. Pkt., 25c; oz., 50c; ¼ lb., \$1.35.

**DANISH ROUNDHEAD or BALLHEAD★. 100 TO 105 DAYS.** It is an excellent keeper. Crisp, sweet, tender and unsurpassed for coleslaw or boiling. Pkt., 25c; oz., 60c; ¼ lb., \$1.75.

Cabbage plants available in May and June.

Vegetable seeds are postpaid only in packets. In larger amounts add postage at the Parcel Post rates given on page 2, on mail orders.

## YELLOWS RESISTANT VARIETIES

**WISC. GOLDEN ACRE★. 65 DAYS.** A strain of Golden Acre. Early, small round heads about six inches in diameter and average three pounds. Pkt., 15c; oz., 60c; ¼ lb., \$1.50; 1 lb., \$5.00.

**BADGER MARKET★. 67 DAYS.** A good small headed cabbage, round, weight 3 lbs. Pkt., 25c; oz., \$1.25; 2 oz., \$2.00; ¼ lb., \$3.50.

**BUGNER★. 100 DAYS.** A semi-round, heavy yielder and good keeper, well adapted for kraut, late market or storage. Pkt., 25c; oz., 75c; ¼ lb., \$2.00.

**RED HOLLANDER★. 100 DAYS.** This strain is hard, ball-shaped head and a heavy yielder. Good for mid-season or late crop. Pkt., 25c; oz., \$1.50; ¼ lb., \$4.00.

## CHINESE or CELERY CABBAGE

Is a delicious salad plant. It thrives best during the cooler part of the growing season, consequently is generally planted as a fall crop, usually during July. Do not plant too early.

**IMPROVED CHIHILI. 75 TO 80 DAYS.** This is the very finest of the Chinese Cabbage. The heads are long and slender, tender, and sweet. Pkt., 15c; oz., 30c; ¼ lb., 80c.

## CHIVES

Are hardy perennial plants of the onion type. The tops are used for flavoring. Quicker results are obtained by setting out plants than by seeding as seedlings will not do much the first year, while the sets or plants will multiply very rapidly. Pkt., 15c; oz., \$1.25.



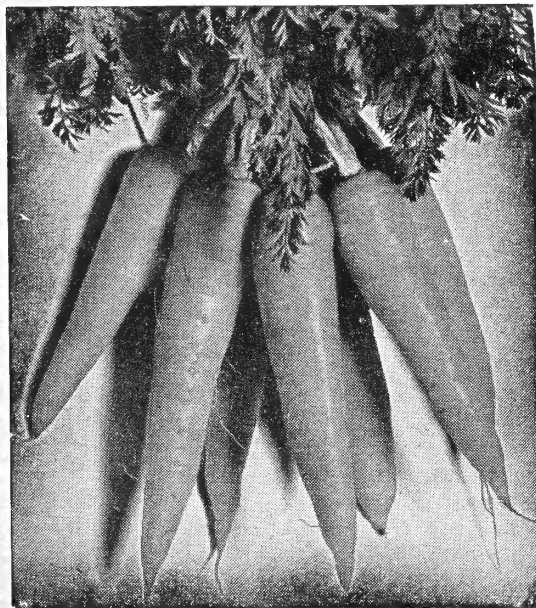
## CARROTS

**CULTURE.** For early use sow seed in rows 15 inches apart as early in the spring as the soil can be worked, sowing about 2 lbs. of seed per acre and cover the same with  $\frac{1}{2}$  inch of soil; but for main crop, sow about corn planting time, using 3 lbs. of seed per acre and the seed should be covered with nearly an inch of soil. One ounce of seed will sow 200 feet of row. Make the rows two feet apart to allow for cultivation. When the plants are 3 inches high thin to 3 inches apart in the row.

**GOLD PAK.** 77 DAYS. All-America selection for 1956. A crisp, flavorful, slender carrot, 8 to 10 inches long. Top short and strong. Pkt., 15c; oz., 25c.

**CHANTENAY★/f (Select Stock).** 68 DAYS. The Chantenay Carrot has been the favorite with the home and market gardeners for many years. The flesh is of fine texture, tender and very sweet. Pkt., 15c; oz., 25c;  $\frac{1}{4}$  lb., 70c; 1 lb., \$2.00.

**IMP. DANVER'S HALF LONG★.** 75 DAYS. This root is of a rich dark orange color, smooth and heavy yielding, making it very desirable for both marketing and stock feeding. Pkt., 15c; oz., 25c;  $\frac{1}{4}$  lb., 70c; 1 lb., \$2.00.



*Red Cored Danvers*

**HALF LONG SCARLET NANTES★/f.** 65 DAYS. Almost coreless, brittle, and fine grained with mild sweet flavor. Pkt., 15c; oz., 25c;  $\frac{1}{4}$  lb., 70c.

**RED CORED DANVERS★.** 75 DAYS. An improved strain of Danvers. Root longer, slimmer and more refined than old strain. Pkt., 15c; oz., 25c;  $\frac{1}{4}$  lb., 70c; 1 lb., \$2.00.

**IMPERATOR★/f (Long Type).** 74 DAYS. Very attractive roots 7 to 8 inches long, slightly tapering. Specially adapted to peat land. Sow late for fall crop. Pkt., 15c; oz., 30c;  $\frac{1}{4}$  lb., 90c; 1 lb., \$2.50.

**IMPROVED LONG ORANGE.** 85 DAYS. A heavy yielder for light soils when roots may be easily dug. Fine for table or stock. Pkt., 15c; oz., 25c;  $\frac{1}{4}$  lb., 70c; 1 lb., \$2.00.

### ADD POSTAGE ON MAIL ORDERS

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## CELERY

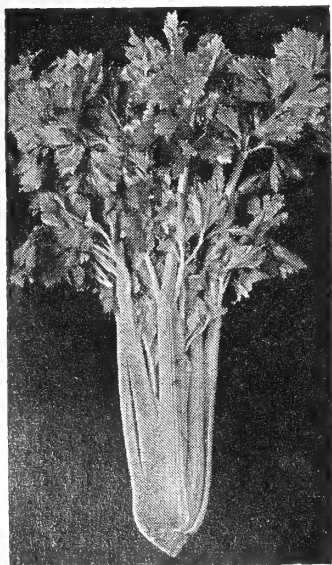
**CULTURE.** For early crop, seed should be sown indoors in February or March. When seedlings are big enough to handle they should be transplanted to develop the roots and harden the tops. Plant out in the open when danger of severe frost is past and the soil can be worked.

**GOULD'S RELIABLE SELF BLANCHING★.** 115 TO 125 DAYS. The stalks are tender, crisp and very fine flavored. Pkt., 15c; 1 oz., 80c;  $\frac{1}{4}$  lb., \$2.75.

**GIANT PASCAL★.** 135 DAYS. The plants grow 36 to 40 inches in height; color of stalks and leaves is green. One of the best; for market or home garden. Pkt., 15c; 1 oz., 80c;  $\frac{1}{4}$  lb., \$2.75.

## CELERIAC

**CULTURE.** Celeriac seed may be treated the same as celery



*Gould's Reliable Self Blanching Celery*

until outdoor planting. Plant in rows 14 inches apart, 3 or 4 inches apart in the row.

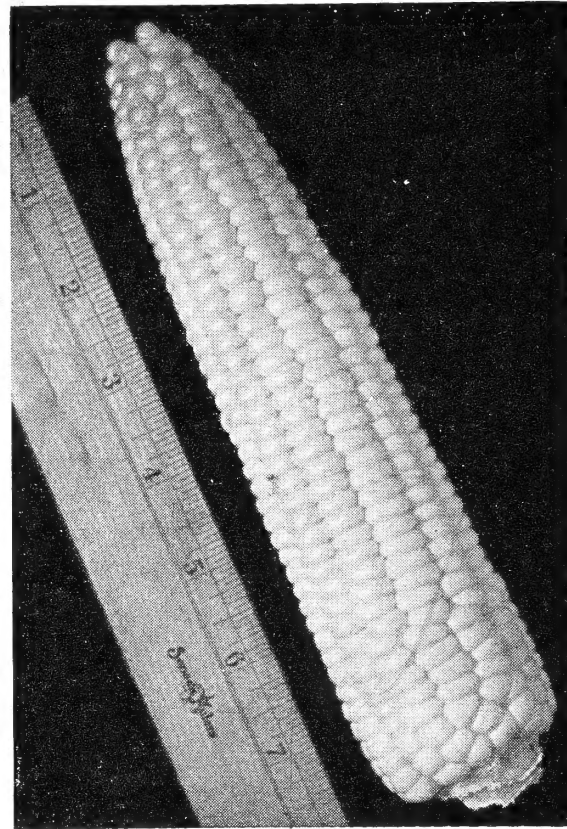
**LARGE SMOOTH TURNIP ROOTED.** 120 DAYS. Is fine for flavoring soups, stews, or cooked up like parsnips. Has a celery flavor. Pkt., 15c; oz., 75c;  $\frac{1}{4}$  lb., \$2.15.

## SWEET CORN

### HYBRID SWEET CORN

**EARLIEST MARKET KING★.** 66 DAYS. A large yellow eared sweet corn, mostly 12 row, ear 7 to 8 inches, outstanding for both home and market gardeners. Pkt., 15c;  $\frac{1}{2}$  lb., 40c; 1 lb., 70c; 5 lbs., \$3.00.

**GOLDEN BEAUTY★/f.** 69 DAYS. A 1955 All-America. Wilt-resistant, ears 12 row,  $7\frac{1}{2}$  to 8 in. long, of finest quality. Plant 6 feet tall, ears borne 18 in. above ground. Pkt., 15c;  $\frac{1}{2}$  lb., 40c; 1 lb., 70c; 2 lbs., \$1.35; 5 lbs., \$3.00.



*Golden Rocket*

**GOLDEN ROCKET HYBRID★/f.** 67 DAYS. A 12 to 14-row yellow variety, about  $5\frac{1}{2}$  feet tall, that is outstanding for either market or home gardeners. The ear is about  $7\frac{1}{2}$  inches in length and slightly tapered. Pkt., 15c;  $\frac{1}{2}$  lb., 35c; 1 lb., 60c; 2 lbs., \$1.15; 5 lbs., \$2.50.

**GOLDEN FREEZER HYBRID★/f.** 80 DAYS. Primarily a freezing type, it is just as useful for fresh corn on the cob. Yellow ears are 8 to  $8\frac{1}{2}$  inches long,  $1\frac{1}{4}$  inches diameter. 12 to 14 rowed, of excellent quality. Pkt., 15c;  $\frac{1}{2}$  lb., 40c; 1 lb., 70c; 2 lbs., \$1.30; 5 lbs., \$3.00; 10 lbs., \$5.00.

**MORNING SUN★/f.** 72 DAYS. New, 14 to 16 row ears of exceptional quality, sweetness and yield. Plant 5 to 6 ft. tall. Pkt., 15c;  $\frac{1}{2}$  lb., 40c; 1 lb., 70c.

**HYBRID 8 ROW BLEND.** 70-80 DAYS. This yellow ear has a high sugar content and excellent quality. It has been one of the outstanding early 8-row hybrids. Pkt., 15c;  $\frac{1}{2}$  lb., 35c; 1 lb., 60c; 2 lbs., \$1.15; 5 lbs., \$2.50.

**IOCHIEF HYBRID★/f.** 85 DAYS. Ears 9 to 10 inches long, 16 to 18 rowed with exceptionally deep golden yellow grains. Has excellent flavor and tenderness. Pkt., 15c;  $\frac{1}{2}$  lb., 40c; 1 lb., 70c; 2 lbs., \$1.35; 5 lbs., \$3.00.

**GOLDEN CROSS BANTAM HYBRID★/f.** 83 DAYS. Ears carry from 10 to 14 rows and are medium yellow color. Ear length  $7\frac{1}{2}$  to 8 inches. It is resistant to bacterial wilt. Pkt., 15c;  $\frac{1}{2}$  lb., 35c; 1 lb., 60c; 2 lbs., \$1.15; 5 lbs., \$2.50.

**MINIATURE HYBRID★/f.** 68 DAYS. Grows only  $3\frac{1}{2}$  to 4 feet tall. Yellow ears  $5\frac{1}{2}$  to  $6\frac{1}{2}$  inches long, of excellent quality. Ideal for freezing. Pkt., 15c;  $\frac{1}{2}$  lb., 40c; 1 lb., 70c; 2 lbs., \$1.35.

### OPEN POLLINATED SWEET CORN

**GOLDEN SUNSHINE★.** 70 TO 76 DAYS. In this corn of rich golden color we find a fine sweet variety maturing a week or ten days earlier than Golden Bantam. Large for an early variety.  $\frac{1}{2}$  lb., 25c; 1 lb., 35c; 2 lbs., 65c.

**GOLDEN BANTAM★/f. Extra Early.** 76 DAYS. The quality, color and width of kernel is much superior to ordinary Bantam. "Extra Early" Golden Bantam is adapted to home gardens. May be planted at intervals of two weeks until July 1st. Pkt., 15c;  $\frac{1}{2}$  lb., 25c; 1 lb., 35c; 2 lbs., 65c; 5 lbs., \$1.50; 10 lbs., \$2.75.

**BLACK MEXICAN.** 92 DAYS. Many consider this sweet corn the sweetest of all for its delicious flavor. The ripe kernels are bluish-black. At eating stage are bluish-white. Pkt., 15c;  $\frac{1}{2}$  lb., 25c; 1 lb., 40c; 2 lbs., 75c.

**COUNTRY GENTLEMAN.** 98 DAYS. A favorite for the home garden. The white kernels are very deep and packed tightly. The flavor is delicious. Pkt., 15c;  $\frac{1}{2}$  lb., 25c; 1 lb., 35c; 2 lbs., 65c.

**STOWELL'S EVERGREEN.** 98 DAYS. Its large ears with long deep white kernels of a rich sugary flavor cannot be surpassed. Pkt., 15c;  $\frac{1}{2}$  lb., 25c; 1 lb., 35c; 2 lbs., 65c.

**GOLDEN MIDGET.** 65-70 DAYS. Very small ears of unsurpassed flavor, on stalks 2 to 3 feet high. Fine for small garden. Pkt., 15c;  $\frac{1}{2}$  lb., 40c; 1 lb., 70c; 2 lbs., \$1.30.



## POPCORN

**CULTURE.** Sow in rows 3 feet apart, 2 to 3 inches deep as soon as danger of frost is over at the rate of 4 to 6 pounds to the acre, or 1 ounce to 40-foot row. Thin plants to 10 to 12 inches in the row. Care in curing determines popping qualities.

**MINN. 250 WHITE HULLESS HYBRID.** 83 DAYS. Here is as fine a popping corn as you can get anywhere, developed by the Minnesota Experimental Station. Has higher popping quality and less hull than the old Jap. Hulless corn. Plant grows 4½ to 5 feet tall and is a vigorous grower. Pkt., 15c; ½ lb., 50c; 1 lb., 90c.

**SOUTH AMERICAN HYBRID.** 105 DAYS. This excellent yellow popcorn is adapted for Southern Minnesota and its immediate area. Pops large, tender kernels of a rich butter color. Pkt., 15c; ½ lb., 50c; 1 lb., 90c.

### POPCORN FOR POPPING

We are Northwest headquarters for fine corn for popping, either white or yellow. Prices quoted on request.

## CRESS

**CULTURE.** Sow seed thickly in shallow drills 12 inches apart in the spring, and for a succession every two weeks. One oz. of seed required for 200 feet of drill.

**FINE CURLED (Pepper Grass).** 40 TO 50 DAYS. Quick growing; leaves finely cut like parsley; growth dwarf and compact; crisp and pungent. Cut the greens before they get too tall. Fine for garnishing. Pkt., 15c; oz., 25c; ¼ lb., 75c.

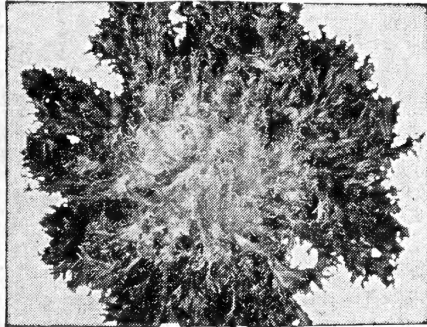
**WATER CRESS.** 55 DAYS. Sow the seed in cool, moist soil in the early spring or if a shallow slow running stream or ditch is near, the seed may be sown within the same near the bank. When sown in a location of this kind it grows luxuriantly for years. Highly esteemed as a salad. Pkt., 15c.

## DILL

The young green stems are used for flavoring soups and sauces. The dried branches and seeds are much prized for flavoring pickles, and seeds for flavoring sauerkraut. Pkt., 10c; oz., 20c; ¼ lb., 50c.

## ENDIVE

This plant furnishes attractive and appetizing salad for the fall and winter months, or by repeated sowing a supply may be had nearly all the year 'round. Useful in flavoring soups, stews, etc. Makes delicious greens if cooked like spinach. Cultivation same as for lettuce.



*Green Curled Endive*

**BROAD LEAVED BATAVIAN★ (Escarolle).** 90 to 95 DAYS. One of the best varieties for salads. Leaves are broad, more or less twisted and waved with bright deep green, with nearly white midrib. Inner leaves form a fair head which blanches to a creamy white. Crisp, tender, and of fine flavor. Pkt., 15c; oz., 30c; ¼ lb., 75c; 1 lb., \$2.00.

**GREEN CURLED★.** 90 to 95 DAYS. A hardy and vigorous grower, with bright deep green leaves finely cut. The leaves should be tied up in the shape of a head for 3 or 4 weeks before using. Pkt., 15c; oz., 30c; ¼ lb., 75c; 1 lb., \$2.00.

## GARLIC

**CULTURE.** Prepare the ground as for onions; separate the sets and plant them eight inches apart and four to six inches apart in the drill, covering two inches deep. When the leaves turn yellow, pull up bulbs. Dry in the shade. Garlic belongs to the Onion family. It has flat leaves and the bulb is composed of several parts similar to those of a multiplier onion set. Garlic is highly esteemed for flavoring soups, stews, etc. ¼ lb., 25c; ½ lb., 40c; 1 lb., 70c. (Please add postage to mail orders.)

## VEGETABLE PLANTS

During the months of May and June we offer seedling or pot-grown vegetable plants in the most popular varieties. The plant season usually begins the forepart of May and extends well into June. We carry exceptionally fine plants and people who want better than the ordinary come to us. Good plants at reasonable prices will be offered in season. Have potted tomato plants in many varieties, in addition to seedlings listed.

Cabbage, Early.  
Cabbage, Late.  
Cauliflower.  
Celery Plants.  
Chives.

Eggplant.  
Ground Cherry.  
Parsley Plants.  
Peppers, Sweet or Hot.  
Tomatoes.

## CUCUMBER

**CULTURE.** Plant in hills 6 feet apart each way. 10 to 20 seeds in each hill, covering a circle 15 inches in diameter. When plants are three or four inches high thin to 5 or 6 to a hill, allowing for cutworms and beetles destroying one or two. Cultivate frequently until the vines cover the ground. The seed may also be started in berry boxes in a hotbed. When the weather is suitable—settled and warm plant out. The fruit should be gathered as soon as large enough for use, or else the productiveness of the vines will be permanently injured.

**EARLY SURECROP HYBRID.** 58 DAYS. The dark green, disease resistant cukes are similar in shape to A & C. Pkt., 25 seeds, 30c; ¼ oz., 45c; ½ oz., 75c.

**STRAIGHT-8★.** 63 DAYS. Vigorous, productive, 1½ inches in diameter, 8 inches long. Pkt., 15c; oz., 35c; ¼ lb., 85c; 1 lb., \$2.25.

**MARKETER★.** 60-65 DAYS. A good early prolific variety. Tapers to straight end. Color dark green and does not show light stripes. Pkt., 15c; oz., 35c; ¼ lb., 85c; 1 lb., \$2.25.

**LONGFELLOW★.** 72 DAYS. An excellent long, slender dark green variety, equally desirable for greenhouse forcing or outdoor culture. Pkt., 15c; oz., 35c; ¼ lb., 85c; 1 lb., \$2.25.

**DAVIS PERFECT★.** 65 DAYS. It is crisp, solid, of fine flavor and has very few seeds. A splendid cucumber for pickling, as well as for table. Pkt., 15c; oz., 30c; ¼ lb., 75c; 1 lb., \$2.00.

**GOULD'S NATIONAL PICKLING.** 56 DAYS. Produces a heavy yield of deep green, square ended fruits. About 5 inches at maturity. Pkt., 15c; oz., 25c; ¼ lb., 65c; 1 lb., \$1.80.

**CLIMBING.** 60 DAYS. A vigorous climber that does best on a pole or trellis. Fruit about 9 inches long, tender and crisp, dark green color. Pkt., 15c; oz., 30c; ¼ lb., 75c.

**LONG GREEN★.** (Yellow at Maturity) 70 DAYS. Dark green fruit from 7 to 11 inches long. Flesh firm and crisp. Fine for slicing, also for cucumber pickles, the best for yellow pickling. Pkt., 15c; oz., 30c; ¼ lb., 75c; 1 lb., \$2.00.

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*Early Fortune Cucumber*

**EARLY FORTUNE★.** 65 DAYS. One of the leading early White Spine varieties with a rich dark green color, about nine inches long. Has very few seeds. Fine for table or pickles. Pkt., 15c; oz., 30c; ¼ lb., 75c; 1 lb., \$2.00.

**BOSTON PICKLING.** 58 DAYS. The fruit is bright green in color, and smooth. Flesh crisp and tender. Grows 6 to 7 inches long. Pkt., 15c; oz., 25c; ¼ lb., 65c; 1 lb., \$1.80.

**CHICAGO or WESTERFIELD PICKLING.** 59 DAYS. About 7 inches in length, 2½ inches thick, blunt at both ends, and has large black spines. Is very prolific. Pkt., 15c; oz., 25c; ¼ lb., 65c; 1 lb., \$1.80.

**BLACK SPINE MR 17.** 56 DAYS. A new pickling cucumber, mosaic resistant, slimmer and darker green than National. Pkt., 15c; oz., 25c; ¼ lb., 65c; 1 lb., \$1.80.

## EGGPLANT

**CULTURE.** Sow in hotbed in March and April, and when two inches high, transplant to pots or boxes to develop root growth. About June 1st, plant in field or garden 2½ to 3 feet apart each way and cultivate same as cabbage or tomato. Protect young plants from sun, also potato bugs.

**NEW YORK SPINELESS★.** 85 DAYS. The leading variety for home gardens and market. The plants are stocky and low branching and produce extra large dark purple fruit usually bearing 4 to 6 large fruits of the finest quality during a season. Pkt., 15c; oz., \$1.00; ¼ lb., \$3.00.

**BLACK BEAUTY★.** 82 DAYS. Slightly earlier than the New York Spineless but not so large. The skin is of rich dark purple color, and very desirable for market as it holds its color for a long time. Shape nearly round. Pkt., 15c; oz., \$1.00; ¼ lb., \$3.00.

**"GARDEN HUCKLEBERRY" OR WONDERBERRY.** Not a true Huckleberry, but belongs to the tomato and pepper family. The fruit is deep purple, nearly black, round and slightly smaller than a Concord Grape. The fruit makes delicious pies, preserves and jams. Fruit should be fully ripened to be edible. Plants, 3 feet. Culture same as tomatoes. Pkt., 15c.



## HERBS

Most of the varieties of herbs thrive best on sandy soil, while some are stronger and better flavored when grown on soil that is rather poor. In all cases the soil should be carefully prepared and well cultivated as the young plants are for the most part easily choked out by weeds. Sow as early as the ground can be made ready.

**ANISE.** Grown for its aromatic seeds used in flavoring. Use in salads, mixes well with honey. Pkt., 15c.

**BASIL, SWEET.** Leaves clove flavored and shoots used for flavoring soups, stews, omelets and as a garnish. Pkt., 15c.

**BORAGE.** Blue flowers are attractive to honey bees. Leaves give a cucumber flavor to salads and flowers an aromatic flavor to drinks. Pkt., 15c.

**CARAWAY.** Seed used for flavoring bread, cake, confectionery, etc.; leaves for soups as well as meat. Pkt., 15c.

**CATNIP or CATMINT.** A hardy perennial. The leaves and young shoots are used for seasoning. An excellent bee pasture. Plants 2 to 3 feet tall. Pkt., 15c.

**CHERVIL CURLED.** Resembling parsley, they are pungently aromatic and used for garnishing and flavoring. Pkt., 15c.

**CORIANDER.** Seed used for beverages. Use leaves sparingly in salads. Pkt., 15c.

**FENNEL, SWEET.** A hardy perennial plant. Young shoots are used in salads, soups and fish sauces. Seed used in confectionery and for medicinal purposes. Pkt., 15c.

**LAVENDER.** Medicinal, also used as a perfume. Pkt., 15c.

**MARJORAM, SWEET.** Tender young shoots and leaves which are used green, or dried for flavoring soups, dressings, fish, meats, croquettes, fruit salad. Pkt., 15c.

**PENNYROYAL.** A low perennial with pungent mint-like aroma. Likes shade and moist situation. Pkt., 15c.

**ROSEMARY.** Fragrant leaves that are used for flavoring soups and meats. Pkt., 15c.

**SAFFRON.** Used for medicine and also in dyeing. Pkt., 15c.

**SAGE.** For seasoning; counteracts effects of fatty food. Cut the leaves and tender shoots just as the plant is coming into flower. Dry quickly in the shade. Pkt., 15c.

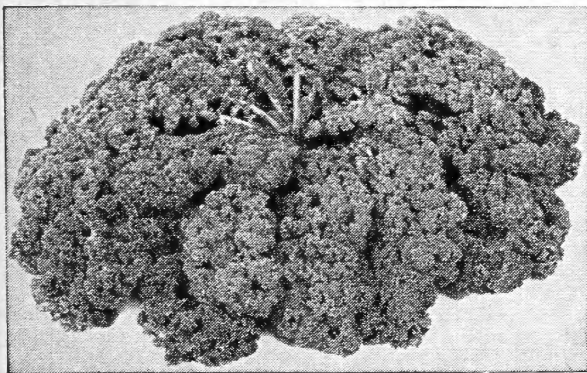
**SUMMER SAVORY.** Dried leaves, stems and flowers used for flavoring soups and dressings. Pkt., 15c.

**THYME.** Used for a headache tea, also for flavoring omelets, soups, salads, stuffing, etc. Pkt., 15c.

## KALE

**CULTURE.** Sow in May or June and cultivate the same as cabbage. Makes excellent greens and is improved by light frosts. More hardy than cabbage.

**DWARF CURLED★.** 55 DAYS. A very finely curled dwarf spreading variety. Foliage is long and bright green. Is even more hardy than cabbage. Produces excellent greens for winter and spring. Pkt., 10c; oz., 30c; ¼ lb., 80c.



**T A L L CURLED★.** 60 DAYS. This variety grows to a height of two to three feet, bearing long plume-like leaves of a light green color. Is rather improved than injured by fairly heavy frosts. Pkt., 10c; oz., 30c; ¼ lb., 80c.

## KOHL RABI

**CULTURE.** Sow in drills 15 inches apart, ½ to ¾ inch deep. When a few inches high thin to 6 to 8 inches apart in the row and cultivate same as beet. Bulbs grow above ground. Roots should be prepared like turnips or cauliflower for cooking. Are much sweeter than turnips.

**EARLY WHITE★.** 55 to 65 DAYS. Very early, producing small white bulbs. Used especially for forcing. One of the best for table use. Eat when about 2 inches in diameter. Pkt., 15c; oz., 35c; ¼ lb., 80c.

**EARLY PURPLE.** 60 DAYS. Small plants with purple-stained, dark green leaves. Flattened globe-shaped bulbs. Eat when about 2 inches in diameter. Skin purple. Flesh white, mild, crisp and tender. Pkt., 15c; oz., 35c; ¼ lb., 80c.

## LEEK

**CULTURE.** Sow about May 1st in drills 12 inches apart from ½ to 1 inch deep. When 6 inches high transplant to rows 15 inches apart and 5 inches apart in row, setting the plants in the ground up to their center leaves and drawing this ground up as they grow, causing them to bleach.

**AMERICAN FLAG★.** 115 DAYS. Produces large thick stems which have a sweet flavor. Leek is excellent for stews, soups, or creamed. Leek is closely allied to the onion, but milder in flavor. Pkt., 25c; oz., 70c; ¼ lb., \$2.25.

## LETTUCE

**CULTURE.** Lettuce is the most popular of all salad plants and at the same time is one of the easiest to grow due to its comparative freedom from disease and insects. Seed may be sown in the open from April 20th to August 1st, or planted in the house or in frames any time after March 10th. Rows should be 1½ feet apart, plants four inches apart in row after thinning. One ounce of seed will sow 150 feet of row. 2 to 2½ pounds required per acre.

### LOOSE LEAF VARIETIES

**GRAND RAPIDS★.** 43 to 45 DAYS. Retains its handsome fresh appearance longer than any other variety. Leaf is curly and of light green color and crimped at the edge. Disease free. Pkt., 15c; oz., 30c; ¼ lb., 65c; 1 lb., \$1.75.

**BLACK SEEDED SIMPSON★.** 40 DAYS. Recommended for spring and early summer planting. Color yellowish green, its leaves are thin, tender and sweet. One of the finest for home garden and a favorite market lettuce. Very heat resistant. Pkt., 15c; oz., 30c; ¼ lb., 65c; 1 lb., \$1.75.

**SALAD BOWL.** 50 DAYS. A new loose-leaf variety, similar in appearance to endive. Leaves are short, closely set and hold their tenderness over a long period. Recommended for home gardens. Pkt., 15c; oz., 70c; ¼ lb., 2.00.

**BRONZE BEAUTY.** 40 DAYS. One of the best for home garden. Leaves are dark green in color, tinged with bronze. Is very tender and of fine flavor. Grows well in hot weather. Pkt., 15c; oz., 50c; ¼ lb., \$1.50.

**OAK LEAF.** 40 DAYS. Withstands hot weather without turning bitter. Its leaves are small, tender and dark green, testifying to their richness in vitamins. It has the superior butter-type flavor. Pkt., 15c; oz., 35c; ¼ lb., \$1.00.

**PRIZEHEAD.** 45 DAYS. Is a crisp, tender, loose leaf sort with a reddish brown tint on edges of outer leaves. Of quick growth and sweet flavor. One of the best for the home garden. Pkt., 15c; oz., 30c; ¼ lb., 65c; 1 lb., \$1.75.

### ROMAINE OR COS LETTUCE

**PARIS WHITE COS.** 60 DAYS. A strong grower and very productive, with long, shell shaped, medium green leaves of most excellent quality. A self-folder, but when plant is over half grown it is best to tie it up with string so that the inner leaves may be blanched perfectly white. Head 8 to 9 inches high, long loaf shaped. Esteemed the finest of lettuce in flavor. Chefs prefer it for its tenderness, delicious flavor. Pkt., 15c; oz., 30c; ¼ lb., 75c.

### HEADING VARIETIES

**BIBB.** 57 DAYS. The tenderest, most brittle of all lettuce leaves are found in the loose, dark green heads of this variety which chefs of luxury hotels and high priced food shops all over the country feature. In the garden it grows fast in the spring and fall, maturing its loose heads, as big as a fist, from seed sown in the open ground, with reasonable thinning. Sow a fall crop in mid-summer. Pkt., 15c; oz., 35c; ¼ lb., 85c; 1 lb., \$2.25.

**PENNLAKE★.** 83 DAYS. Outer leaves dark green, slightly crumpled, well folded, comparatively free from ribbiness. Interior crisp and firm. Pkt., 15c; oz., 70c; ¼ lb., \$2.00.

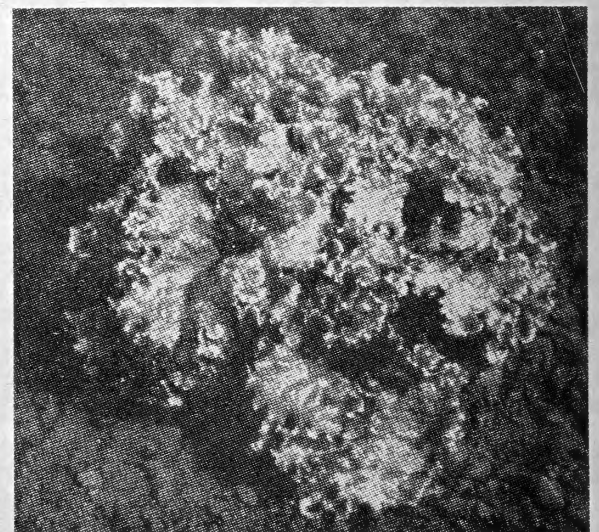
**GREAT LAKES★.** 82 DAYS. It stands heat and sun extremely well. It is also resistant to tip burn. Outstanding for home gardeners. Pkt., 15c; oz., 70c; ¼ lb., \$2.00.

**BIG BOSTON★.** (White Seeded.) 76 DAYS. A solid head which is light golden yellow inside, of excellent quality. The outer leaves are bright green and edges are tinged with brown. Pkt., 10c; oz., 30c; ¼ lb., 75c; 1 lb., \$2.00.

**ICEBERG.** 80 DAYS. Heads are large and firm and well blanched. Color of leaves is light green with faint brown tracing on the border. A quick grower, heads crisp, sweet and tender. Pkt., 15c; oz., 35c; ¼ lb., 85c; 1 lb., \$2.25.

**HANSON HEAD★.** 80 DAYS. Color clear light yellowish green. A fine variety for midsummer planting as it stands extremes of weather. The hard cabbage-like head has a sweet and rich flavor. Pkt., 15c; oz., 35c; ¼ lb., 85c; 1 lb., \$2.25.

**NEW YORK NO. 12★.** 75 DAYS. Withstands heat and is adapted for summer growing. The color is medium green, the heart blanching beautifully, being crisp, tender and delicious. Pkt., 15c; oz., 45c; ¼ lb., \$1.25; 1 lb., \$3.75.



Grand Rapids



## MUSKMELON

**CULTURE.** Muskmelons do best on moderately rich, light, warm mellow loam. Do not plant until the ground has warmed thoroughly, as they will start quicker and withstand the attacks of insects so much better. Plant in hills 5 or 6 feet apart both ways. Mix in the hill before planting, one large cupful of commercial fertilizer. Plant 1 inch deep, 10 to 15 seeds to the hill. When plants are 3 inches high, thin to 4 or 5 in a hill.

**MINNESOTA HONEY★.** 80-85 DAYS. A new large melon round to semi-round, thick flesh of sweet, delicious flavor. Fusarium resistant. Recommended for home garden and roadside market. Sold out for 1957.

**BENDER'S SURPRISE★.** 87 DAYS. A very fine large, round, salmon-fleshed melon of exceptional flavor. The skin is dark green becoming light yellow at maturity. Fairly well netted, attractive and a good shipper. Pkt., 15c; oz., 35c; ¼ lb., 90c; 1 lb., \$2.50.

**DELICIOUS NO. 51★.** 83 DAYS. Nearly round, medium ribbing and well netted. Flesh bright salmon and of excellent quality. Pkt., 15c; oz., 40c; ¼ lb., \$1.00; 1 lb., \$2.75.

### IROQUOIS★.

85 DAYS. A wilt-resistant large melon of nice appearance with a gray-green skin. Fairly well netted, with good thick orange flesh of sweet and excellent quality. A favorite for roadside market. Pkt., 15c; oz., 35c; ¼ lb., 90c; 1 lb., \$2.50.

### HALE'S

**BEST★.** 80 TO 90 DAYS. The melon is oval in shape, about 6½ inches long by 5½ inches in diameter with very heavy netting and distinct ribbing. The flesh is thick and a deep salmon in color.

Is very sweet and a good keeper. Pkt., 15c; oz., 35c; ¼ lb., 80c; 1 lb., \$2.25.

**PRIDE OF WISCONSIN★.** 90 DAYS. The salmon colored flesh is unusually thick with sweet and fine flavor. Has many of the desirable characteristics of the Sugar Rock. Adapted to home gardens and short distance shipping. Pkt., 15c; oz., 35c; ¼ lb., 90c; 1 lb., \$2.50.

**SCHOON'S HARD SHELL★.** 85 TO 90 DAYS. The thick flesh is deep salmon-orange, solid, well flavored and of excellent quality. Pkt., 15c; oz., 35c; ¼ lb., 90c; 1 lb., \$2.50.

**GOLDEN GOPHER★.** 85 DAYS. This melon has very flavor-full orange flesh and is disease resistant. Pkt., 15c; oz., 40c; ¼ lb., \$1.00; 1 lb., \$3.00.

**SUGAR or HONEY ROCK★.** 85 DAYS. An excellent variety of melon of high quality and very fine flavor. The flesh is a rich salmon. Pkt., 15c; oz., 35c; ¼ lb., 90c; 1 lb., \$2.50.



*Iroquois*

## MUSTARD

A very quick growing foliage plant that is grown principally for greens. Mustard greens have a rich flavor and are fully as healthful and nutritious as spinach.

**GIANT SOUTHERN CURLED★.** Used largely for salads or greens. Grows very large with yellowish-green beautiful curled leaves. Very tender, of fine pungent flavor. Pkt., 10c; oz., 20c; ¼ lb., 35c; 1 lb., 75c.

**FORDHOOK FANCY.** Not as large as Southern Giant Curled. The leaves are more fringed and crumpled. A very attractive variety and excellent in quality. The growth habit is upright. Pkt., 10c; oz., 20c; ¼ lb., 35c; 1 lb., 75c.

**TENDERGREEN.** A mild-flavored mustard-spinach. Foliage may be used for greens when plant is quite young and until it is matured. Cook same as spinach or other greens. Grows fast. Pkt., 10c; oz., 20c; ¼ lb., 35c; 1 lb., 75c.

## MUSHROOM SPAWN

Propagated under the most advanced scientific pure culture methods. Ready to plant. Brick enough to plant 8 to 10 square feet. With full instructions. Brick, 50c; postpaid, 75c within 3rd zone.

### PRICES

Due to present conditions over which we have no control, all prices quoted in this catalog are subject to change without notice. Add postage on mail orders.

## WATERMELON

**CULTURE.** The soil must be rich, light, sandy loam to obtain best results. Plant in hills 8 to 10 feet apart each way, 10 to 15 seeds in each hill, ½ to 1 inch deep. When 3 inches high, thin to about 4 plants in each hill.

**NORTHERN SWEET★.** 75 DAYS. It is very early and of high quality. The melon is small, weighing from 10 to 12 pounds. Flesh is dark red, crisp and exceptionally sweet. Pkt., 15c; oz., 30c; ¼ lb., 75c; 1 lb., \$2.00.

**GOLDEN HONEY CREAM.** 90 DAYS. A new strain of medium size, yellow fleshed melon, thin rind and small seeds with plenty of sugar content. Average weight only 8 to 12 lbs. A fine melon for the home garden or roadside market. Pkt., 25c; oz., 60c; ¼ lb., \$1.80; 1 lb., \$5.25.

### IMPROVED KLECKLEY'S SWEETS★

(No. 6—Wilt R.).

85 DAYS. Oblong, medium early and of large size. Skin is dark bluish-green and flesh is a bright scarlet. Pkt., 15c; oz., 30c; ¼ lb., 70c; 1 lb., \$1.75.

### NEW HAMPSHIRE MIDGET.

75 DAYS. This most excellent small melon is recommended for small gardens.

Fruits 7 to 8 inches long, flesh rich red of high sugar content. Pkt., 15c; oz., 40c; ¼ lb., \$1.00; 1 lb., \$2.50.

**KANSAS KING★.** 85 DAYS. The size is quite large, averaging about 25 to 30 pounds. The flesh is red, of excellent quality. Pkt., 15c; oz., 30c; ¼ lb., 70c; 1 lb., \$1.75.

**IMPROVED KLONDIKE★.** 85 DAYS. The flesh is a distinctive shade of deep red. The rind is dark green; the shape is oblong, average weight of 25 pounds. Pkt., 15c; oz., 40c; ¼ lb., 90c; 1 lb., \$2.40.

**GYPSY or GEORGIA RATTLESNAKE.** 90 DAYS. It is a splendid keeper and shipper. Is oblong in shape, yellowish-green with stripes of very dark green. Flesh scarlet, crisp and sweet. Pkt., 15c; oz., 30c; ¼ lb., 70c; 1 lb., \$1.75.

**CALIFORNIA HONEY.** 76 DAYS. Here is a new ice box size melon, 10 inches long by 8 inches in diameter; nearly round, skin dark green, medium thick rind, scarlet red flesh of good quality. Pkt., 15c; oz., 40c; ¼ lb., \$1.00; 1 lb., \$3.00.

**WINTER QUEEN★ (Often called Honey Dew).** 100 DAYS. Is without a doubt the sweetest, firmest, most crisp of any watermelon grown. The rind is but ⅛ to ¼ inch thick. Shape round, not very large, skin almost cream color. Melons harvested in late fall and put in cool cellar may keep up to Christmas time. Pkt., 15c; oz., 35c; ¼ lb., 85c; 1 lb., \$2.25.



*Kansas King*

## OKRA

Okra is raised for the pods which are used in flavoring soups, stews, etc. The pods are at their best when 1 to 3 inches long.

**CULTURE.** Sow the seed thickly in rich ground as soon as the ground becomes warm, in drills 3 feet apart and 1 inch deep. Thin out to 10 inches apart. Cultivate freely.

**MAMMOTH LONG PODDED.** 56 DAYS. Very productive and bear dark green pods from 7 to 8 inches long. Pkt., 10c; oz., 20c; ¼ lb., 40c; 1 lb., \$1.00.

**DWARF GREEN.** 50 DAYS. Grows low but stocky and is very prolific. The deep green pods are of fine quality, 5 to 7 inches long. Pkt., 10c; oz., 20c; ¼ lb., 40c; 1 lb., \$1.00.

**CLEMSON SPINELESS.** 55 DAYS. Similar to Dwarf Green, but bush is taller, pod is longer, darker and spineless, of good quality and very uniform. Plants 4 to 4½ feet tall. Pkt., 10c; oz., 20c; ¼ lb., 40c; 1 lb., \$1.00.

## PARSLEY

**CULTURE.** Sow in early spring in drills 14 inches apart, ½ to 1 inch deep. Parsley seed is slow to germinate and requires from 20 to 30 days to show above the ground, therefore it is advisable to sow a few radish or lettuce seeds with the parsley seed as a guide for early cultivation.

**DARK MOSS DOUBLE CURLED★.** 70 DAYS. The leaves are of an extra dark green color. It is a heavy producer. Fine for garnishing and flavoring. A home and market garden variety. Pkt., 15c; oz., 30c; ¼ lb., 75c; 1 lb., \$2.25.

**HAMBURG OR TURNIP ROOTED PARSLEY.** 90 DAYS. The edible roots of this variety resemble a small, thick parsnip in shape and color. They may be stored for the winter and used for flavoring soups, stews, etc. Pkt., 15c; oz., 30c; ¼ lb., 75c; 1 lb., \$2.25.

**PLAIN LEAVED.** 72 DAYS. Widely known as Italian Parsley, are not curled but have an excellent flavor. Pkt., 15c; oz., 30c; ¼ lb., 75c; 1 lb., \$2.25.

## ONION PLANTS

All plants are grown in open field, thereby assuring strong, hardy plants. They are tied in bunches of about 100 plants and packed 60 bunches to the crate. Planting about 3 inches apart in 16-inch rows will require 100,000 plants to the acre. Please write for prices about April 1. We expect to have White Wax, Yellow Bermuda, and Sweet Spanish plants ready about April 10th.

## ONION SETS

On account of the uncertainty of the onion set market we are unable to quote prices at the time this book is being printed in January. See yellow list for prices. Prices will be available in March and April.

## ONIONS

**CULTURE.** Sow just as early as possible, that is, when the ground can be worked up nicely. Have your seedbed in perfect shape, for onions are slow in coming up and require close cultivation. It is sometimes advisable to mix a few radish seeds with your onion seed so as to allow for earlier cultivation. One ounce of seed will sow 200 feet in drill  $\frac{1}{2}$  inch to 1 inch deep, 4 to 5 pounds of seed to an acre drilled 13 to 14 inches apart for hand cultivation or 20 to 22 inches apart for cultivating with tractor. Cultivate often. Do not allow soil to bake.

### YELLOW VARIETIES

**SOUTHPORT YELLOW GLOBE★.** 115 DAYS. A very popular strain of onions. Matures early and is a good keeper. Skin is rich brownish yellow, the flesh white, crisp and fine grained. Pkt., 15c; oz., 50c;  $\frac{1}{4}$  lb., \$1.50; 1 lb., \$3.50.

**YELLOW GLOBE DANVERS★.** 110 DAYS. The bulbs are large and globular with very thin necks. The flesh is white and mild and the skin is orange-yellow. Is an enormous yielder, a fine keeper, and excellent for shipping, as well as for home gardens. Pkt., 15c; oz., 50c;  $\frac{1}{4}$  lb., \$1.50; 1 lb., \$3.50.

**GOULD'S MINNESOTA YELLOW GLOBE★.** 112 DAYS. This variety of onion is a most select strain of Yellow Globe onion. Perfect in shape and color, also having all the best keeping qualities. Pkt., 15c; oz., 50c;  $\frac{1}{4}$  lb., \$1.50; 1 lb., \$3.50.

**GOULD'S EARLY YELLOW GLOBE★.** 98 DAYS. A very rapid grower. Will mature 10 to 15 days earlier than the Minnesota or Southport Yellow Globe. Pkt., 15c; oz., 50c;  $\frac{1}{4}$  lb., \$1.50; 1 lb., \$3.50.

**GOULD'S PRIZETAKER★.** 105 DAYS. The largest onion that can be grown in a northern climate. It is globe-shaped and has a straw-colored skin. A favorite for hotel and restaurant trade. Is very solid, of mild flavor and a good keeper. Pkt., 15c; oz., 60c;  $\frac{1}{4}$  lb., \$1.75; 1 lb., \$4.50.

**YELLOW SWEET SPANISH, UTAH STRAIN.** 110 DAYS. It is the most popular onion for slicing and hamburger purposes. Pkt., 15c; oz., 55c;  $\frac{1}{4}$  lb., \$1.70; 1 lb., \$4.25.

### RED VARIETIES

**GOULD'S MINNESOTA RED GLOBE★.** 110 DAYS. This fine strain of Red Globe onions is the result of many years' selection, for trueness of type, perfection of color and long keeping qualities. Pkt., 15c; oz., 50c;  $\frac{1}{4}$  lb., \$1.50; 1 lb., \$3.50.

### WHITE VARIETIES

**GOULD'S MINNESOTA WHITE GLOBE★.** 110 DAYS. Being much milder than the red or yellow varieties, it is much preferred for family use. Pkt., 15c; oz., 50c;  $\frac{1}{4}$  lb., \$1.50; 1 lb., \$4.25.

**WHITE SWEET SPANISH.** 110 DAYS. A very large white onion with mild and sweet flavor. Pkt., 15c; oz., 75c;  $\frac{1}{4}$  lb., \$2.00; 1 lb., \$6.00.

**HE-SHI-KO WHITE BUNCHING ONIONS★.** This is the best of bunching Onions; perfectly hardy in Minnesota. A vigorous grower making no bulb, but producing fine white necks or stalks which may be trenched without fear of discoloration or rot. You can plant seed as late as August for spring onions. Pkt., 15c; oz., 50c;  $\frac{1}{4}$  lb., \$1.35; 1 lb., \$3.50.

**GOULD'S WHITE BUNCHING★.** An extra early round, white variety. It is exceptionally fine for early bunching, table, and for boiling. Matures large snowy white onions. Pkt., 15c; oz., 50c;  $\frac{1}{4}$  lb., \$1.50; 1 lb., \$4.25.

## PARSNIPS

**CULTURE.** Work the soil very deep and pulverize the seedbed thoroughly. Sow the seed in early spring,  $\frac{1}{2}$  to 1 inch deep, in rows 18 inches apart. As soon as the young plants appear, cultivate and hand weed them, and when 3 inches high thin to 4 inches apart in the row. One ounce of seed for 200 feet of row; 3 lbs. seed required for an acre.

**ALL AMERICAN OR IMPROVED HOLLOW CROWN★.** 95 DAYS. Better known and more generally grown than any other sort. The roots are tender and sweet, of best quality. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 45c; 1 lb., \$1.00.

## PEANUTS

Peanuts do best on a light, sandy soil. The ground should be ploughed deeply and thoroughly harrowed. Seed peanuts should be carefully hulled to prevent breaking the skin on the kernels. Plant in rows  $2\frac{1}{2}$  to 3 feet apart and 12 inches in the row. Cover about 2 inches. When matured, pull up and dry in the sun a few days. Vines are a valuable feed for horses, cattle and sheep. JUMBO.  $\frac{1}{2}$  lb., 45c; 1 lb., 70c; postpaid, \$1.00.

## PEAS

The peas best suited for freezing are indicated by an italic *f* after the name of the variety.

**CULTURE FOR GARDEN PEAS.** Sow seed 2 inches deep in rich soil very early in the spring and for a succession put in varieties that mature at different periods or if dwarfs only are desired, sow a few rows every 10 days throughout the season. For hand cultivation sow in rows 15 inches apart, but if grown on a large scale it is best to sow in rows from 2 to 3 feet apart and cultivate them with a horse or tractor. One pound of seed will plant 100 ft. of row; 75 to 100 lbs. of seed required to an acre.

### EXTRA EARLY DWARF WRINKLED VARIETIES

**ALASKA (Smooth Seeded).** 56 DAYS. An outstanding strain, 100% wilt resistant. Vine 29 inches high, stem thin, very uniform in maturing. Pods  $2\frac{1}{2}$  inches, color medium green. Pkt., 15c;  $\frac{1}{2}$  lb., 25c; 1 lb., 35c; 2 lbs., 65c; 5 lbs., \$1.50.

**AMERICAN WONDER.** 61 DAYS. The vines bear a great abundance of pods containing 5 to 8 large, exceedingly sweet, tender, well-flavored peas. Require no brush or other support. Grow to a height of about 12 inches. Pkt., 15c;  $\frac{1}{2}$  lb., 25c; 1 lb., 40c; 2 lbs., 75c; 5 lbs., \$1.50.

**LITTLE MARVEL*f*.** 62 DAYS. An extra fine dwarf pea of the early wrinkled variety, with vines growing 15 to 20 inches high. Peas are very sweet and tender. Pkt., 15c;  $\frac{1}{2}$  lb., 25c; 1 lb., 40c; 2 lbs., 75c; 5 lbs., \$1.50.



Inoculate peas and peanuts with Nitra-  
gin. Greatly improves the vigor of the  
plants and increases yield immensely.  
Garden size, 25c, postpaid, 30c.

### LARGE EARLY WRINKLED PEAS

**LAXTON'S PROGRESS*f*.** 60 DAYS. One of the best large podded early dwarf varieties. Pods with 8 to 10 delicious peas are dark green. A very heavy bearer. Pkt., 15c;  $\frac{1}{2}$  lb., 25c; 1 lb., 40c; 2 lbs., 75c; 5 lbs., \$1.50.

**THOMAS LAXTON*f*.** 60 DAYS. Large podded, extra early pea. The pods contain sweet, wrinkled peas of the very richest flavor. Pkt., 15c;  $\frac{1}{2}$  lb., 25c; 1 lb., 35c; 2 lbs., 65c; 5 lbs., \$1.50.

**FREEZONIAN*f*.** 60 DAYS. Is similar to Thomas Laxton, but is more uniform and outstanding as a freezing variety. Pkt., 15c;  $\frac{1}{2}$  lb., 25c; 1 lb., 35c; 2 lbs., 65c; 5 lbs., \$1.50.

**WANDO*f*.** 70 DAYS. A new variety adapted for home gardens and freezing. Peas medium large of good quality. Pkt., 15c;  $\frac{1}{2}$  lb., 25c; 1 lb., 40c; 2 lbs., 75c; 5 lbs., \$1.50.

**DWARF GRAY SUGAR (Edible Pods).** 65 DAYS. Vines 24 to 30 in. high with an abundance of medium sized sweet and tender pods, seed gray mottled in appearance. To be prepared for the table in the same manner as snap beans. Pkt., 15c;  $\frac{1}{2}$  lb., 25c; 1 lb., 40c; 2 lbs., 75c.

## PEPPERS

**HARRIS EARLIEST★.** 58 DAYS. The earliest of the large varieties. Plants dwarf and bear heavy. Fruits mild and sweet, deep green, scarlet when ripe. A fine pepper for home or market gardener. Pkt., 25c; oz., \$1.50;  $\frac{1}{4}$  lb., \$4.50.

**KING OF THE NORTH★.** 65 DAYS. The large peppers are dark green, turning to a rich red when ripe; mild and sweet. A heavy producer and fine for the home garden. Pkt., 15c; oz., 95c;  $\frac{1}{4}$  lb., \$3.00.

**PERFECTION OR PIMENTO★.** 73 DAYS. A fine variety for home and market gardens. Fruits heart shaped, smooth, 3 in. long, deep green becoming deep red. Flesh thick, sweet and of excellent flavor. Pkt., 15c; oz., 85c;  $\frac{1}{4}$  lb., \$2.75.

**HUNGARIAN YELLOW (Hot).** 65 DAYS. A very hot pepper growing 5 to 7 inches in length tapering to a blunt point. The color is of canary yellow with waxy appearance. Turns red when ripe. Pkt., 15c; oz., \$1.00;  $\frac{1}{4}$  lb., \$3.25.

**HUNGARIAN YELLOW (Sweet).** 65 DAYS. Same type as the Hot Hungarian excepting that it is sweet. Pkt., 15c; oz., \$1.00;  $\frac{1}{4}$  lb., \$3.25.

**RED CHILI★.** 82 DAYS. Small, very hot, 2 in. long and  $\frac{1}{4}$  in. across. Both skin and flesh are red. Pkt., 15c; oz., 85c.

**LONG RED CAYENNE★.** 70 DAYS. Although pungent, it is not as sharp as the Small Cayenne. For pickling, either green or ripe. Pkt., 15c; oz., 85c;  $\frac{1}{4}$  lb., \$2.75.

**CALIFORNIA WONDER★.** 75 DAYS. A sweet pepper with



California Wonder Pepper

very thick flesh. Fruit very large, smooth and heavy. A good yielder. Some will weigh as much as a pound each. Is deep green when small, changing to crimson when ripe. Pkt., 15c; oz., 85c;  $\frac{1}{4}$  lb., \$2.75.

**LARGE BELL OR BULL NOSE★.** 62 DAYS. This is one of the early, bell-shaped peppers. It is more pungent than the larger and later varieties. Is very desirable for pickling. Pkt., 15c; oz., 90c;  $\frac{1}{4}$  lb., \$2.60.



## SEED POTATOES

**Finest Quality from America's Best Seed Producing Areas**

We will have this spring, Certified Seed Potatoes, famous for highest quality, in the following varieties. SEE SPECIAL YELLOW LIST FOR PRICES.

**WASECAS.** A new extra early red potato, oblong to round, medium to small in size, shallow eyes, red skin. Equal in yield or better than other early varieties. Fine for baking, boiling or frying.

**CHEROKEE.** A new potato of high quality, resistant to both blight and scab. The smooth, round white skinned tubers mature mid-season.



*Katahdin*

**EARLY OHIO.** A fine potato for early market, yet is a good winter keeper of excellent quality. Yields well on almost all soils. An old-time favorite. Has smooth, slightly pinkish skin and shallow eyes. Shape oblong with blunt ends.

**KENNEBEC.** This round, white skinned potato, with shallow eyes, matures in mid-season and is the most blight-resistant of all varieties. Are excellent cookers and keepers. Plant closer than other varieties, otherwise tubers will grow too large.

**RED RIVER VALLEY RUSSETS.** The oblong potato with shallow eyes is the favorite for baking. The flesh is white, very mealy and of fine flavor and quality.

**PONTIAC.** A mid-season, red potato, flesh white, much like Triumph but larger, developed from a cross of Triumph and Katahdin by the U. S. Dept. of Agric. A vigorous grower and heavy yielder. Does well on most soils.

**SEBAGO.** This is a new popular variety, blight resistant, a cross of Chippewa and Katahdin. Sebago is a heavy yielder of finest cooking quality. Cooks white. Matures medium late. Fairly resistant to heat and drought. Adapted to almost any soil and weather conditions.

**KATAHDIN.** A fine main crop variety—an exceptionally good keeper. Of excellent cooking quality. A preferred variety for potato chips. Tubers are oval shaped, smooth and clean, skin and flesh white with very shallow eye. Does especially well on peat soils and muck. Plants are vigorous and disease resistant.

**CHIPPEWA.** An excellent variety that matures just ahead of most late potatoes. Tubers are smooth with very shallow eye; excellent cookers. Resistant to mild mosaic. Fairly tolerant to heat and drought. Popular for chip making. Cooks white but not very mealy.

**IRISH COBBLER.** A medium early fine quality variety (about 90 days). Glossy white skin, tuber blocky, often with deep eyes. Not adapted to heavy soils. Does best on muck and lighter soils. Likes cool, moist situations.

**TRIUMPH.** Very early (80 days), dark pink skin, tubers blocky with shallow eyes. Fine for early market and home gardens. Excellent cooking quality. Adapted to light soils.

**RED WARBA.** An extra early potato, maturing a week to ten days earlier than Early Ohio. Tubers are red, short, round, blocky with pink eyes and uniform in size. A big yielder. Does best on muck soil.

## PUMPKINS

**JACK O'LANTERN.** 110 DAYS. Fruit about the size of a man's head. A fine variety for Hallowe'en, as well as fine eating qualities. Pkt., 15c; oz., 35c; ¼ lb., 80c; 1 lb., \$2.25.

**EARLY SUGAR OR PIE.** 115 DAYS. This pumpkin is small, round, slightly ribbed, skin and flesh deep orange. Flesh is very thick, fine grained, sweet and of finest quality. A big yielder and a good keeper. One of the best for pie. Pkt., 15c; oz., 25c; ¼ lb., 60c; 1 lb., \$1.75.

**CONNECTICUT FIELD.** 115 DAYS. Largely grown for stock feeding, but is also used for pie and canning. The outside is reddish-orange in color, the inside orange yellow. Pkt., 15c; oz., 25c; ¼ lb., 60c; 1 lb., \$1.75.

**GOULD'S MAMMOTH FIELD.** 118 DAYS. One of the largest and best, especially for stock feeding. It is also a good keeper. Often weighs 75 to 100 lbs. Pkt., 15c; oz., 30c; ¼ lb., 75c; 1 lb., \$2.50.

## RADISH

### EARLY ROUND RADISHES

**CHERRY BELLE.** 22 DAYS. Round and as red as a berry. Early, has short top forcing, not too desirable for real early planting in spring. Pkt., 10c; oz., 20c; ¼ lb., 35c; 1 lb., 90c.

**GOULD'S RELIABLE FORCING.** 21 DAYS. Is the earliest of the greenhouse forcing type. Skin a beautiful bright scarlet, flesh crystal white somewhat turnip-shaped, producing a very small top, very desirable for forcing. Pkt., 10c; oz., 20c; ¼ lb., 30c; 1 lb., 70c.

**GOULD'S EARLY SCARLET GLOBE, SHORT TOP.** 23 DAYS. Recommended for market gardeners planting on muck, peat or especially rich soil. Tops are very short, color bright scarlet-red. Developed for summer planting and greenhouse forcing. Pkt., 10c; oz., 20c; ¼ lb., 35c; 1 lb., 90c.

**COMET.** 25 DAYS. Brightest colored of the bunching or table radishes. Globe shaped; does not get pithy. Pkt., 10c; oz., 20c; ¼ lb., 35c; 1 lb., 90c.

**GOULD'S SCARLET TURNIP WHITE TIP.** 26 DAYS. It is very early and does equally well for greenhouse forcing and for outdoor culture. The flavor is sweet, mild and crisp, color a bright scarlet with white tips. Pkt., 10c; oz., 20c; ¼ lb., 35c; 1 lb., 90c.

**CRIMSON GIANT.** 30 DAYS. A large growing sort, of a beautiful deep crimson color, mild, firm and crisp. Roots slightly top shaped. Pkt., 10c; oz., 20c; ¼ lb., 35c; 1 lb., 90c.

### LONG VARIETIES

**FRENCH BREAKFAST.** 25 DAYS. A favorite for home and market gardens or forcing. Bright scarlet, with pure white tip. Oblong in shape, of medium size, and a rapid grower. Pkt., 10c; oz., 20c; ¼ lb., 35c; 1 lb., 90c.

**WHITE ICICLE.** 27 DAYS. Roots 5 to 6 inches thick, pure white with small tops. It is crisp, mild, sweet and tender both when young and until it attains a large size. One of the finest sorts for the home garden or for market. Pkt., 10c; oz., 20c; ¼ lb., 35c; 1 lb., 90c.

### WINTER RADISHES

Try some this year. These grow to large size and keep well for winter and spring use. Sow seed from middle of June to August 1st, for fall and winter use.

**CALIFORNIA MAMMOTH WHITE.** 55 DAYS. Skin and flesh are white, very tender and crisp. Mildly pungent but well flavored. Roots are about 8 inches long, and 2 to 3 inches in diameter. Pkt., 10c; oz., 20c; ¼ lb., 45c; 1 lb., \$1.25.

**ROUND BLACK SPANISH.** 56 DAYS. A large round turnip-shaped root, skin is black, but the flesh is white, firm, crisp and pungent, an excellent keeper. Pkt., 10c; oz., 20c; ¼ lb., 40c; 1 lb., \$1.10.

## RUTABAGA

**AMERICAN PURPLE TOP.** 88 DAYS. Roots are large globe-shaped with a very small tap root. The color is a bright yellow with a purple top, flesh solid, tender and sweet. A good keeper. Pkt., 15c; oz., 25c; ¼ lb., 40c; 1 lb., 70c.

**LAURENTIAN.** 92 DAYS. A new purple top variety. Clean, well shaped root, almost neckless, skin thick, good keeper. Flesh light yellow or cream color, fine grained, excellent quality. Pkt., 15c; oz., 25c; ¼ lb., 40c; 1 lb., 70c.

## SALSIFY (VEGETABLE OYSTER)

Salsify is used the same as carrots, or after having been boiled, make into cakes and fry like oysters which they resemble in flavor. Culture the same as parsnips.

**SANDWICH ISLAND.** 150 TO 180 DAYS. Grows to a large size, is of fine quality and flavor. Roots, when cooked, are very palatable and nutritious. Pkt., 15c; oz., 50c.

## SPINACH

**CULTURE.** Sow just as soon as the ground will permit working in spring. Sow in rows 12 inches apart and 1 inch deep. If given some protection over winter, spinach may be sown in the fall for spring use. Spinach being of a leafy growth only, should be kept growing fast in order to be tender and palatable.

**LONG STANDING BLOOMSDALE.** 46 DAYS. Is one of the outstanding varieties for crinkly leaf. For late spring and summer crop, it stands hot weather before throwing seed stalks. Pkt., 10c; oz., 20c; ¼ lb., 30c; 1 lb., 60c.

**AMERICA.** 52 DAYS. Of the Long Standing Bloomsdale type. Leaf glossy, thick, rounded and heavily savoyed. Pkt., 10c; oz., 15c; ¼ lb., 30c; 1 lb., 60c.

**GIANT NOBEL.** 45 DAYS. Large, smooth, deep green leaves. Popular with canners as well as home gardeners. Pkt., 10c; oz., 20c; ¼ lb., 30c; 1 lb., 60c.

**NEW ZEALAND.** 70 DAYS. It furnishes an abundance of delightful "greens" throughout the summer and right up to cold weather. Both the leaves and the stalks are very fleshy and of the finest quality when cooked. Sow seed when soil is fairly warm. Soak the seed before sowing. Pkt., 10c; oz., 20c; ¼ lb., 35c; 1 lb., 75c.

**VIRGINIA BLIGHT RESISTANT.** 40 DAYS. Dark green crumpled leaves, tapering to rounded point. A fast maturing spring strain, resistant to cold, much used for fall planting. Pkt., 10c; oz., 20c; ¼ lb., 30c; 1 lb., 60c.



## SQUASH

### SUMMER VARIETIES

**WHITE BUSH SCALLOP.** 53 DAYS. Matures early and will bear quickly. The squash are large size, somewhat flattened, pure white, with thick flesh of good quality. Pkt., 15c; oz., 30c; ¼ lb., 65c; 1 lb., \$1.85.

**ZUCCHINI (Black).** 55 TO 60 DAYS. Produces extremely dark green fruits of fine quality. The plants are truly bush, flesh greenish white, well flavored fruits about 12 inches long and 2½ inches in diameter. Of best quality when 4 to 6 inches long. Pkt., 15c; oz., 30c; ¼ lb., 70c; 1 lb., \$2.00.

**COCOZELLE OR VEGETABLE MARROW★.** 60 DAYS. The fruit is long and slender, of a dark green color at first, but when maturing it changes to a lighter green with yellowish stripes. Use when 8 to 12 inches long. May be sliced and fried or baked. Pkt., 15c; oz., 30c; ¼ lb., 70c.

**GOLDEN SUMMER CROOKNECK.** 55 DAYS. The fruits are of true crookneck type, of light golden color, 18 to 24 inches long, 4½ inches through. For home or market garden. Pkt., 15c; oz., 30c; ¼ lb., 65c; 1 lb., \$1.75.

### WINTER VARIETIES

**SWEET POTATO SQUASH (Delicata).** 100 DAYS. Fruits grow 6 to 8 inches long. Have a very thick flesh, unusually sweet and tender. They are a real table delicacy. Pkt., 15c; oz., 35c; ¼ lb., 90c; 1 lb., \$2.50.

**BUTTERCUP★.** 100 DAYS. It is medium to small in size, the yellow flesh is very thick and the flavor delicious. The shape is somewhat of a turban. Outside color is dark green. Pkt., 15c; oz., 35c; ¼ lb., 90c.

**BANANA SQUASH.** 110 DAYS. One of the best varieties for either summer or winter use. Shell is grayish-green, flesh a deep golden color. Fruits 20 to 24 inches long, 6 inches thick. Excellent for pies. Pkt., 15c; oz., 35c; ¼ lb., 90c.

**BUTTERNUT SQUASH★.** 103 DAYS. Do not confuse this squash with Buttercup. Butternut is a winter variety of very high quality. Flesh is golden orange, firm and of smooth texture. It is not stringy. Fruits are club shaped, about 10 to 12 inches long, 4 to 5 inches in diameter. Excellent baking squash. Pkt., 15c; oz., 30c; ¼ lb., 80c.

**GOLDEN DELICIOUS★f.** 100 DAYS. Desirable for canning and home gardens. Fruits top-shaped, weight 7 lbs. Skin reddish orange with deep green tip at blossom end. Thick sweet flesh, golden orange color. Pkt., 15c; oz., 30c; ¼ lb., 75c; 1 lb., \$2.25.

**UCONN (Bush).** 75 DAYS. Another All-America Gold Medal Winner. Of a Table Queen type but growing on bush instead of vine. Fruits are dark green with a slight flecking. A heavy bearer. Pkt., 15c; oz., 30c; ¼ lb., 70c; 1 lb., \$2.00.

**TABLE QUEEN★.** 80 DAYS. Fruit acorn shaped, color dark green, size 6 inches long. Flesh is rich orange-yellow, cooking as dry and sweet as a sweet potato. Pkt., 15c; oz., 30c; ¼ lb., 70c; 1 lb., \$2.00.

**MAMMOTH TABLE QUEEN★.** 80 DAYS. Similar to Table Queen. Size is about double that of the regular Table Queen. Pkt., 15c; oz., 30c; ¼ lb., 70c; 1 lb., \$2.00.

**GOULD'S IMPROVED HUBBARD★.** 110 DAYS. This squash is the favorite for long keeping. The vines are strong and very productive. The skin is rather smooth, of a dark green color. When well matured and dried, it becomes very hard and will keep well into the winter. Flesh is bright orange yellow, fine grained, dry, sweet flavored. Pkt., 15c; oz., 30c; ¼ lb., 75c; 1 lb., \$2.25.

**GOULD'S BLUE HUBBARD★.** 110 DAYS. A strain of the regular Hubbard. Fruit is large, blue-gray shell, long keeping and finest quality. Flesh is bright yellow, thick, and sweet. Pkt., 15c; oz., 30c; ¼ lb., 75c; 1 lb., \$2.25.

## SWISS CHARD

**FORDHOOK SWISS CHARD.** 50 TO 56 DAYS. White leaf stalks and midribs are cooked and served in the same manner as asparagus, leaves like spinach, making a delicious vegetable. Pkt., 15c; oz., 25c; ¼ lb., 50c; 1 lb., \$1.50.

**GIANT LUCULLUS SWISS CHARD.** 50 TO 55 DAYS. The favorite of the chard family. The leaves are very large and curly. Pkt., 15c; oz., 25c; ¼ lb., 50c; 1 lb., \$1.50.

**BURPEE'S RHUBARB CHARD.** 60 DAYS. A new Swiss chard that looks like rhubarb—large center rib of beautiful red. Delicious and tasty. Pkt., 15c; oz., 30c; ¼ lb., 75c.

## TURNIPS

**CULTURE.** Turnips are the easiest to grow of any root crop. Sow in early spring for summer crop, and late in July or early August for late fall crop. One ounce will sow 200 feet in drill; thin to 4 inches apart.

**PURPLE TOP STRAP-LEAVED★.** 46 DAYS. Rather flat and of medium size. Color: purple above ground and white below, flesh white, fine grained, sweet and never stringy. Pkt., 15c; oz., 20c; ¼ lb., 30c; 1 lb., 60c.

**PURPLE TOP WHITE GLOBE★.** 58 DAYS. A favorite, will form roots in seven or eight weeks. Of globe shape with smooth white skin; flesh pure white, firm, sweet and crisp. Pkt., 15c; oz., 20c; ¼ lb., 30c; 1 lb., 60c.

**SNOWBALL or EARLY SIX WEEKS★.** 43 DAYS. Round with white flesh. Mild, an excellent winter keeper. Pkt., 15c; oz., 20c; ¼ lb., 30c; 1 lb., 60c.

Seeds are postpaid in packets only. In larger amounts add postage at the rates given on page 2.

## TOMATO

### LISTED IN ORDER OF EARLINESS

**CULTURE.** Tomato seed should be planted in a box in the house or in hotbeds or greenhouse about the 1st of March, then transplanted once or twice to develop the roots to a good size before setting out in the open. Do not set out until all danger of frost is past, as tomatoes are easily damaged by frost.

**BURPEE'S BIG EARLY HYBRID.** 62 DAYS. A new 1955 big early tomato, ripening to a bright scarlet, globe-shaped, meaty and excellent flavor. Fruit will average over 7 ounces each, some up to a pound. Pkt. (30 seeds) 50c.

**BURPEE HYBRID★.** 70 DAYS. Scarlet-red fruits are medium to large, firm, flesh meaty and of excellent quality. Recommended for market or home gardens. Pkt., 40c (30 seeds); 1/16 oz., \$2.00; ½ oz., \$3.50.

**BURPEE'S BIG BOY HYBRID★.** 78 DAYS. A wonderful producer of round or semi-round fruit of excellent quality, meaty flesh of fine flavor. Some grow up to 2 lbs. Feed and water often to get the most out of the plants. Color of fruit is bright red. Pkt., (30 seeds) 50c; 2 pkts., 95c; 3 pkts., \$1.35; 1/16 oz., \$4.25; ½ oz., \$7.50.

**JUBILEE TOMATO (Yellow).** 90 DAYS. Skin is yellow, flesh a beautiful tangerine orange. A heavy bearer and quality and flavor equal to the red tomato. Pkt., 15c; ¼ oz., 40c; ½ oz., 60c; 1 oz., \$1.00.

**POLARIS EXTRA EARLY HYBRID.** 95 DAYS. Heavy yielding of excellent mild flavor, medium size, deep scarlet red color. Pkt., 30 seeds, 35c; 1/16 oz., \$5.00; ½ oz., \$8.50.

**EARLIANA SPECIAL.** 98 DAYS. Fruit bright scarlet. A prolific bearer, yielding fruit in clusters, particularly in warm, sandy soil. Pkt., 15c; oz., 90c; ¼ lb., \$3.00.

**GOULD'S EARLY STANDARD★f.** 98 DAYS. Is a big favorite for the home garden or for market, being an excellent keeper and shipper, fruit being firm, coloring beautifully, producing abundantly from early summer till frost. Flavor is unsurpassed. Unexcelled for canning. Pkt., 25c; ½ oz., 70c; ¼ oz., \$1.25; ½ oz., \$2.25; 1 oz., \$3.75.

**FIRESTEEL★.** 98 DAYS. Makes a small vine with large fruited tomatoes that are early, smooth, red throughout, of semi-acid flavor. Pkt., 15c; oz., 90c; ¼ lb., \$3.00.

**SIOUX★.** 100 DAYS. A self toppler, fruit large, globe shaped, dark red inside and out. Good slicer. Fine for home and roadside market. Pkt., 15c; oz., 90c; ¼ lb., \$3.00.

**JOHN BAER★.** 105 DAYS. Fruit is smooth, uniform in size, nearly round, firm and of excellent quality. It is a heavy bearer that will last all summer. Pkt., 15c; oz., 85c; ¼ lb., \$2.50.

The vegetables best suited for market are indicated by a star (★) after the name of the variety.

**PRITCHARD★f (Scarlet Topper).** 107 DAYS. Is disease, wilt and rust-resisting. The fruits are scarlet, large, globe-shaped, similar to Marglobe. Pkt., 15c; oz., 90c; ¼ lb., \$3.00.

**MARGLOBE (Certified)★f.** 110 DAYS. A fine blight and disease resistant tomato, produces immense yields of handsome deep red globe-shaped tomatoes of good size with a flavor that is between the acid and non-acid sorts. Pkt., 15c; oz., 90c; ¼ lb., \$3.00.

**STOKESDALE (Certified)★.** 110 DAYS. A large, round tomato of intense scarlet color. Very meaty and of fine flavor. Pkt., 15c; oz., 90c; ¼ lb., \$3.00.

**RUTGERS★f.** 112 DAYS. The flesh firm and sparkling red. Pkt., 15c; oz., 90c; ¼ lb., \$3.00.

**PONDEROSA.** 120 DAYS. This is a large fruited tomato. It is solid with small seed cells, of fine quality for slicing. Some of the fruit is oblong in shape and somewhat ribbed. The color is purplish red. Pkt., 15c; oz., \$1.25; ¼ lb., \$3.75.

**CRIMSON CUSHION or BEEFSTEAK.** 120 DAYS. A scarlet "sport" from Ponderosa which it also resembles. Is very large, round, with bright scarlet skin, solid flesh. Plants are very prolific. Pkt., 15c; oz., \$1.25; ¼ lb., \$3.75.

**DWARF CHAMPION.** 125 DAYS. Dwarf and compact and sometimes called "Tree Tomato." May be planted close together making it desirable for small gardens. The fruit is of a purplish pink color, medium size. Pkt., 15c; oz., 90c; ¼ lb., \$3.00.

**OXHEART.** 130 DAYS. Fruit is large and very solid with few seeds. It is heart-shaped, the skin pink, and the flavor delicious. Pkt., 15c; oz., \$1.50; ¼ lb., \$5.00.

### SMALL FRUITED TOMATOES

**GROUND CHERRY or GOLDEN HUSK.** 120 DAYS. These are greatly valued for preserves, pies, etc. Small yellow fruits enclosed in a thin, papery husk. Very sweet and mild. Pkt., 15c; oz., \$1.10.

**SAN MARZANO.** Small oblong fruits about 3 inches long borne in clusters, used mostly for making tomato paste. Pkt., 15c; oz., \$1.10.

**ITALIAN RED PLUM.** 120 DAYS. A bright red plum shaped tomato borne in clusters of six or more. Used extensively for salads and preserves. Pkt., 15c; oz., \$1.10.

**RED CHERRY.** 120 DAYS. Small, round, rich deep red fruits, ½ inch in diameter. Used for salads, pickling, etc. Pkt., 15c; oz., \$1.10.

**TINY TIM.** A miniature tomato, only ¾ inch, growing in clusters on dwarf plants. Grow as a house plant or in garden. Plants only 12 inches tall. Pkt., 25c.

**YELLOW PEAR.** 120 DAYS. Fruit is pear shaped, slightly larger than the Yellow Plum. Pkt., 15c; oz., \$1.10.

**YELLOW PLUM.** 120 DAYS. A small yellow fruited variety, finely flavored, resembling a plum in size and form. Used mostly for preserving. Pkt., 15c; oz., \$1.10.

# Annual Flower Seeds

## CULTURE SUGGESTIONS FOR FLOWER SEEDS

Flower seeds should not be planted out before ground warms up. Before planting, soil should be worked up and enriched with fertilizer. Do not sow your seeds when ground is wet. A good rule is to cover seeds four to six times their diameter, which means that some varieties need merely to be pressed into the soil. Most seeds are planted too deeply. Press the earth firmly around the seed when planting. As plants come up, thin out to prevent crowding. Place supports around tall-growing varieties so that they will not be damaged by wind and rain.

**STARTING INDOORS.** In order to get earlier flowers and a longer blooming season, a number of annuals such as Antirrhinum or Snapdragon, Carnations, Celosia, Lobelia, Pansies, Petunias, Salpiglossis, Stocks, Verbenas and others had best be started indoors, or in cold frames.

## FLOWERING PLANTS

During May and June we offer seedling flowering plants in the most popular varieties. Weather conditions determine just how early plants are ready, but the plant season usually begins the forepart of May and extends well into June.

**Abronia (Sand Verbena).** Delights in dry, poor soil and sunny situation. A rapid grower for baskets, window boxes or rockeries. Its fragrant flowers of bright rose with white center bloom in summer and fall. Plants 6 inches. **Umbellata.** Pkt., 15c.

**Acroclinium (Everlasting).** Plants about 15 inches high. Lovely white or rosy pink flowers, which when cut in the bud state, can be dried and used in winter bouquets. **LARGE FLOWERED DOUBLE HYBRIDS.** Greatly improved. Pkt., 15c.

**Agathea (Blue Daisy).** A plant 1 to 2 feet tall, with an abundance of sky-blue, daisy-like flowers, also fine for house plant. **Coelestis.** Pkt., 15c.

**Ageratum** Especially adapted for borders and bedding as it is literally covered with clusters of feathery blossoms from early summer until frost.

**MIDGET BLUE.** Only 3 to 4 inches tall, producing tiny tufts of true azure-blue flowers. Pkt. 15c.

**FAIRY PINK.** A soft salmon rose-pink color, height 5 inches. Pkt. 15c.

**BLUE BALL.** Dwarf Compact. Deep dark blue, 9 inches high. Pkt. 15c.

**BLUE CAP.** Miniature, feathery-like flowers of lilac blue. 6 in. Pkt. 15c.

**BLUE PERFECTION.** Semi-dwarf. 8 inches high. Pkt. 15c.

**PURPLE PERFECTION.** Vivid dark purple, compact. 8 inches. Pkt., 15c.

**BLUE MINK.** Grows 5 to 6 inches tall, upright and compact. Pkt. 25c.

### Everlasting or Straw Flowers

Dry Flowers for Winter Bouquets

Acroclinium. Honesty.  
Chinese Lantern. Physalis.  
Globe Amaranth. Statice.  
Helichrysum. Xeranthemum.

**Alyssum, Sweet** For borders, edging and rock work, we recommend a liberal use of this dainty little flower. It will keep blooming well into November here in the Northwest. Stands many severe freezes.

**ROYAL CARPET.** The purple flowers start blooming early and until frost. Pkt. 25c.

**LITTLE GEM.** Of dwarf compact habit, only 4 inches high. One of the easiest grown. Pkt., 15c; 1/8 oz., 25c; 1/4 oz., 35c; 1/2 oz., 50c.

**VIOLET QUEEN.** Plants are dwarf, sweetly scented flowers are a rich, deep shade of violet. Pkt. 15c.

**LUTESCENS.** Dwarf, cream or straw color. 5 inches. Pkt. 15c.

**CARPET OF SNOW.** 2 to 3 inches high, pure white flowers that bloom so freely that the plant has a snow-like appearance all summer. Pkt., 15c; 1/8 oz., 25c; 1/4 oz., 35c; 1/2 oz., 60c.

**SNOW CLOTH.** Plant, flat, compact mass of pure white flowers. Pkt. 10c.

**LILAC QUEEN.** A very pretty dwarf plant growing about 6 inches high, of deep lavender-lilac color. Pkt. 10c.

**Amaranthus** Brilliant foliaged annuals used as centers of large beds or for borders of tall plants. Give plants plenty of room. Grows 3 to 5 feet high. Mixed. Pkt., 15c.

**Anchusa (Cape Forget-Me-Not).** Grows 2 feet high, blooming all summer. It resembles a large Forget-Me-Not of deep blue color. Pkt., 15c.

## Antirrhinum (Snapdragon).

One of the most popular cut-flowers. Giant Snapdragons grow 2 to 3 feet high. For early blooms sow indoors in March and set out in the open after all danger of frost is past. Plant or thin to 9 inches apart.



## GRANDIFLORA RUST RESISTANT.

Where Antirrhinums cannot be grown on account of the rust which attacks the foliage, the rust resistant varieties, listed below, assure success.

Golden amber, Rose pink, Nearly black, Luminous scarlet, Giant yellow, Deep cherry rose, Bronze brown, Velvety crimson, Old gold, Soft rose pink, Pure pink, Pure white, Bright orange scarlet, and Deep yellow. **All colors, mixed or individual colors,** Pkt. 15c.

**MARDI GRAS.** A new super hybrid mixture in an extremely wide color range and extra vigor. Florets are closely placed on long-blooming stems. (See back cover page). Pkt., 25c.

**SUPER MAJESTICS, RUST RESISTANT.** Valuable for cutting. **Finest Mixed.** Pkt. 15c.

**TETRA. GIANT RUFFLED SUPERFINE MIXTURE.** The largest flowered of all snapdragons in white, crimson, yellow, pink or mixed colors. Pkt. 25c.

**SUPER MAJESTIC CALIFORNIA GIANTS.** Flowers on long stems. Closely spaced. Mixed. Pkt. 15c.

**BURPEE DOUBLE.** Flowers are rich deep golden yellow; buds flushed rose pink. Pkt. 35c.

**BURPEE'S NEW GIANT SKY-SCRAPER.** Tallest growing Snapdragon. Extra large flowers. Mixed colors. Pkt. 15c.

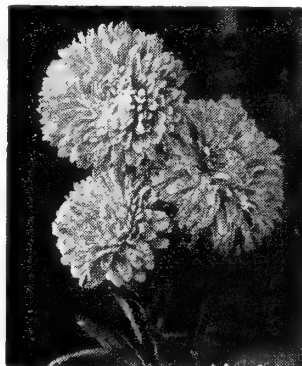
**Asters ROSE MARIE.** Best cut-flower color of rose-pink; highly fluffy centers and long, narrow petals on 3 to 4-inch flowers, borne on long, stout stems. Wilt-resistant. For florist and garden culture. Pkt., 15c.

**MISSION GIANTS.** Flowers 4 to 5 inches across; plants 24 in. high. Fine cut flower, lasting days longer than many other Asters. Colors range from white and deep cream thru flesh pink, rose, lavender and purple. Mixed colors only. Pkt., 25c.

**POWDERPUFFS. Wilt R.** The 2 foot plants are covered with an average of 20 fully double flowers. Mixed colors only. Pkt., 25c.

**HEARTS OF FRANCE. Wilt R.** Medium size flowers open ruby-red color deepens with age. Plants 1 1/2 to 2 feet tall, of branching type. Bloom early. Pkt., 15c.

**EARLY BEAUTY. Wilt R.** Flowers from early July until frost. Plants are 2 1/2 to 3 feet, with long, stout stems. Mixed. Pkt., 15c.



Queen of the Market

**QUEEN OF THE MARKET. Wilt R.** About two to three weeks earlier than most other Asters; bloom profusely and are of graceful habit. Flowers are borne on long stems, very desirable for cut flowers. 15 inches high. Mixed. Pkt., 15c.

**BALLET QUEEN.** Fascinating shade of deep salmon rose; 3 1/2-inch flowers borne on plants 15 to 20 inches high. Extremely wilt resistant. Pkt., 25c.

**SINGLE CHINENSIS. Wilt R.** Plants 2 to 2 1/2 feet, flowers daisy-like, petals wide and closely placed. Showy plants. Light blue, rose, violet, white, red or mixed colors. Pkt., 15c.

**IMPROVED CREGO GIANT COMET.** This fine Aster grows over 2 feet tall. The fluffy graceful flowers resemble the Chrysanthemum in form. **Wilt Resistant.** Mixed. Pkt., 15c.

**AMERICAN or VICK'S LATE BRANCHING.** This superb strain produces plants 2 to 3 feet high, bearing chrysanthemum-like flowers 4 inches across, double to the center. **Wilt Resistant.** Mixed. Pkt., 15c.

**IMPROVED GIANTS OF CALIFORNIA.** Of immense size and beauty, on long and sturdy stems. Plants, 2 1/2 to 3 feet. Mixed colors. Pkt., 15c.

**GOLDILOCKS. Wilt R.** The deepest Yellow Aster that is wilt resistant. The flowers are fully double. Plants, 2 feet tall. Pkt., 15c.

**BALL. Wilt R.** Large, fully double, deep rose, white or purple, each. Pkt., 15c.

**EARLY ROYAL. Wilt R.** Plants branching, 1 1/2 to 2 feet, blooming directly following the Queen of the Market. Mixed. Pkt., 15c.

**BACHELOR'S BUTTON. (See Centaurea Cyanus).**

**Balsam (Lady Slipper).** Showy and easily grown annuals, do best in sunny locations in rich loam. Bloom from July to October. 18 inches high. Mixed colors. Pkt., 15c.

**Bartonia Aurea (Blazing Star).** Very showy, producing golden yellow flowers during the summer above its gray and downy thistle-like foliage. Does not bear transplanting. Prefers moist situation. 12 to 18 in. Pkt., 15c.



**Beans, Scarlet Runner** A climber, producing bright red flowers from July to September. The dense foliage makes it splendid wherever shade is desired. Vines grow about 10 feet. Pkt., 15c.

**Bell of Ireland** Graceful branching stems, so surrounded by 2 in. flowers there is little room for leaves. The bell shaped calyx is green and delicately veined containing the white corolla. 2 ft. Pkt., 25c.

**Brachycome (Swan River Daisy).** A dwarf, free-flowering plant. The daisy-like flowers are blue and white, plants about 9 to 12 inches tall. Mixed colors. Pkt., 15c.

**Browallia** The white or blue flowers are fine for cutting. Lift and cut back for house planting. 12 inches high. Mixed. Pkt., 10c.

**Bush Balsam** Differs from the Lady Slipper Balsam in that the flowers appear in clusters on the top of the stems like double roses. Plants are 18 to 24 inches high. Mixture of white, rose and red. Pkt., 15c.

**Cacalia (Tassel Flower).** An attractive bedding plant about 18 inches tall bearing tassel-like orange and scarlet flowers on long, wiry stems. Mixed. Pkt., 10c.

**Calendula** Free flowering plants of easy culture, succeeding everywhere and flowering continuously. The flowers are double, showy. Height, 15 to 18 inches. Deep orange, apricot, golden yellow, deep lemon, double orange, deep orange, orange red or mixed. Pkt., 10c.

**SUNSET SHADES.** Medium sized, rounded flowers in two-toned color combinations of Orange, Lemon, Primrose and Apricot. Pkt., 10c.

**YELLOW COLOSSAL.** Clear yellow, large. Pkt., 10c.



*Calendula, Campfire*

**ORANGE SHAGGY.** Deep orange in color. Pkt., 10c.

**CAMPFIRE IMPROVED.** Flowers are dark orange, with a scarlet sheen. Pkt., 10c.

**CHRYSANTHA.** Outstanding among all varieties. The large double flowers are an exquisite shade of clear yellow. Pkt., 10c.

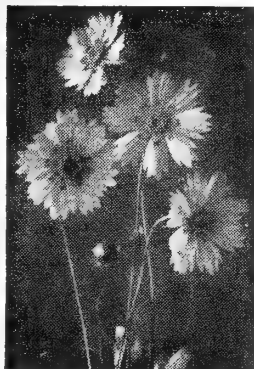
## Calliopsis

Showy, blooming all summer. Excellent for cutting. Sow where they are to remain. Thin to 8 to 12 in. apart.

**TALL MIXED.** 24 to 30 in. Pkt., 15c.

**DWARF MIXED.** 6 to 10 inches. Pkt., 15c.

**GOLD CREST.** Semi-double. Golden Yellow, reddish-brown center. Pkt., 15c.



*Calliopsis*

**Candytuft** Fine for cut flowers. Blooms 8 weeks from sowing and until frost. Plants grow 12 to 18 inches high. Do not plant closer than 6 inches apart.

**UMBELLATA.** 12 inches. Lilac, White, Crimson, Rose, Red or mixed. Each, pkt., 15c.

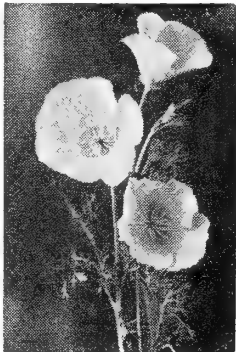
**HYACINTH FLOWERED.** White, 12 inches. Large flowers. Pkt., 15c.

**LITTLE PRINCE.** Snow White, 6-8 inches. Large spikes. Pkt., 15c.

**Canterbury Bells (Annual).** The plant grows 2 to 2½ feet tall, each plant having from 6 to 8 spikes of bloom. Mixed colors only. Pkt., 15c.

**California Poppy (Eschscholtzia).** The beautiful and brilliant poppy-like flowers produced on a low-growing and finely-cut silver foliage will bloom freely from spring until frost. Seed must be sown where they are to remain. Plants are about 12 inches tall.

**MISSION BELLS.** New. A mixture of the finest double and semi-double flowers on 8 in. dwarf plants. Mixed. Pkt., 15c.



*California Poppy*

**GOLDEN WEST.** Yellow orange center. Pkt., 10c.

**RED CHIEF.** Brilliant fiery red. Pkt., 15c.

**RAMONA HYBRIDS.** Flowers are beautifully frilled and incurved. Pkt., 15c.

**AURANTIACA.** Orange, spreads. Pkt., 10c.

**Canna** Cannas can be grown from seed if planted early. Seed germinates irregularly in two to four weeks. Plants 2½ to 4 feet tall. Mixture from newest varieties. Pkt., 10c.

**Cardinal Climber** A rapid growing climber, attaining a height of 25 feet, with deep cardinal-red flowers and fern-like foliage. Pkt., 15c.

**Carnation Chabaud's Giant Double.** Blooms 5 to 6 months from sowing. Vigorous erect plants produce double, clove-scented flowers of large size. Grows 18 inches high. Mixed colors. Pkt., 25c.

**Castor Bean (Ricinus).** Ornamental plants of stately growth and picturesque foliage, with brilliant colored blossoms, producing a tropical effect. It thrives in rich well-drained loam.

**ZANZIBARIENSIS.** The leaves of a variety of colors beautifully lobed, are 2½ to 4 feet across. Height 10 to 12 feet. Pkt., 15c; 1 oz., 60c.

**MIXED.** Height 5 to 12 feet. Pkt., 15c; 1 oz., \$1.00.

**Celosia Childsii (Chinese Woolflower).** Plants grow 2 to 3 feet high. Many branches are thrown out, each bearing a woolly-like ball of scarlet. These blooms continue to multiply and enlarge until killed by frost. Pkt., 15c.

**Celosia Cristata (Cockscorb).** Freely flowering, producing large comb-like heads. Does best in light soil, not too rich. TALL, MIXED. 24 to 30 in. Pkt., 15c.

**DWARF, MIXED.** 8 to 12 in. Pkt., 15c.

**TALL ROYAL VELVET.** Rich carmine-crimson. Pkt., 15c.

**CELOSIA (TOREADOR).** All America 1955. Large comb up to 12 inches across. Bright red with scarlet. Stems sturdy. Height 18-20 inches. Pkt., 25c.

**Celosia Plumosa (Feathered Cockscorb).** Blossoms are slender, of a feathery appearance. Height 18 to 24 inches. Mixed. Pkt., 15c.

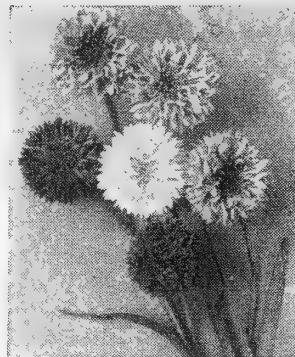
**GOLDEN FLEECE.** Golden yellow feathery spikes on good strong stems. Excellent for pot or garden. Pkt., 15c.

**PAMPAS PLUME.** Giant flowers in bronze, copper, gold and sunset shades. Pkt., 15c.

**DWARF FIERY FEATHER.** Bright scarlet, 12 inches. Pkt., 15c.

**DWARF GOLDEN FEATHER.** Golden yellow, 12 inches. Pkt., 15c.

## Centaurea Cyanus



*Centaurea Cyanus or Bachelor's Button*

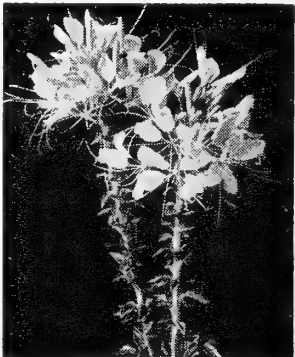
(Double Bachelor's Button or Cornflower). The taller varieties listed below are Double Giant strains, fine for cutting. Plants grow 2 to 2½ feet high. **BLACK BOY,** black maroon; **PINKIE,** rose pink; **RED BOY,** dark red; **BLUE BOY,** true cornflower blue; **SNOW-MAN,** white; also in mixed colors. Pkt., 15c.

**Centaurea Imperialis (Sweet Sultan).** The sweet scented flowers are borne on long, strong stems, and when cut will stand for days in good condition. It is of easy culture and one of the best annuals for cut flowers. Blooms all summer. Height, 15 to 24 inches. Finest mixed. Pkt., 15c.

**Chrysanthemum** Extensively grown for cut flowers. Grow 12 to 24 inches high, and produce on long stems large flowers resembling the daisy. Flowers June until frost. Double-mixed. Pkt., 15c.

**SINGLE MERRY MIXTURE.** Bright hued tri-colors. Pkt., 15c.

**Clarkia Elegans** They thrive in sun or shade, growing 2 to 2½ feet high, with masses of double flowers and buds which will all open in water when cut. Blooms July and August. Mixed colors. Pkt., 15c.



*Cleome*

## Cleome

(Spider Plant). Showy and interesting because of the long spidery stamens and showy petals. Does well in sandy soils and sunny situations. A good bee plant.

**GIANT PINK QUEEN.** A tall and attractive border plant, 4

feet high. Flowers of a delightful refreshing pink. Blooms from June until frost. Pkt., 15c.

**HELEN CAMPBELL.** Flowers pure white, plant 4 feet high. Pkt., 15c.

**Cobaea Scandens (Cathedral Bells).** Climbs twenty to thirty feet in a season. The flowers are bell shaped, white or blue color. Should be started indoors. Blue. Pkt., 15c.

**Coix Lachryma (Job's Tears).** An ornamental grass with broad leaves and shiny, pearly-like beads. Height from 30 to 40 inches. Plant early in the spring. Pkt., 15c.

**Coleus** Brilliant colored foliage plants for beds, borders and edgings. Avalon Strain. Gay colors. Pkt., 25c.

**RAINBOW MIXTURE.** Brilliant, medium to large leaf. Pkt., 25c.

**Corn, Ornamental (Squaw).** The ears of corn have multi-colored kernels, much desired for ornamental decorations. Pkt., 15c.

**STRAWBERRY CORN.** Mahogany colored, 2 inches long and 1½ inches wide. Appearance of a giant strawberry, matures in 100 days. Pkt., 15c.

**Cynoglossum (Chinese Forget-me-not).** Of easiest culture, about 18 inches high, producing sprays of flowers delicately scented through the summer. **Amabile.** Blue. Pkt., 15c. **Amabile.** Pink. Pkt., 15c.



**Cosmos** One of the most attractive of the flowering annuals. Its graceful flowers, borne on long stems, rising above the feathery foliage are very desirable for cut flowers, lasting for a week or more in water.

**FIESTA.** Flowers semi-double, a true scarlet, blooms all summer. Fine for cutting. Plants 2½ ft. high, flowers early, is heat resistant. Pkt., 15c.

**GOULD'S EXTRA EARLY.** Is the earliest of its kind, growing to a height of about 4 feet and if seeded in the open as soon as the soil is in condition, or transplanted from plants after all danger of frost, will flower from July until frost. Mixed. Pkt., 15c.

**SENSATION RADIANCE.** Deep rose petals overlaid with large, well-defined zone of rich crimson. Pkt., 15c.

**SENSATION DAZZLER.** Large 3 to 5-inch blooms on long stems. Flowers a very rich shade of deep velvety crimson maroon. Fine for cutting. Pkt., 15c.



*Cosmos Sensation*

**SENSATION.** Flowers are 4 to 6 inches across. For best show, leave plants 3 to 4 feet apart and disbud for exceptional flowers on long cutting stems. Plants 3 to 4 feet tall. Crimson rose-pink, white or mixed. Pkt., 15c.

**DOUBLE PEERLESS MIXED.** Crested and fluted type flowers. Pkt., 15c.

**ORANGE FLARE.** The vivid orange flowers are freely borne on 2 to 3-foot well-shaped plants. Pkt., 15c.

**ORANGE RUFFLES.** (Semi-double). Vivid rich orange butterfly-like blooms, very free flowering. Pkt., 15c.

**YELLOW FLARE.** Similar to Orange Flare except color, which is a rich golden yellow. Pkt., 15c.

**EXTRA EARLY DOUBLE CRESTED.** They bloom in seventy days from seed when sown in the garden, and will continue until frost. Crimson, pink, white or mixed. Pkt., 15c.

**Cut-Flower Mixture** Twenty-five named varieties in a well balanced variety of color, that will produce beautiful cut flowers from early summer until late in the fall. Pkt., 10c.

**Dahlia Seed** Wonderful blooms are obtained the first season if seeds are started indoors and transplanted out about May 15th to 20th. Some of the seeds may come up in a few days, while others may not for months. Height, 18 to 36 inches.

**SINGLE OR DOUBLE.** Mixed. Pkt., 15c.

**UNWINS DWARF GIANT FLOWERED.** Mixed. Pkt., 15c.



*Unwins Dahlias*

**Cypress Vine** A popular annual climber. It has a delicate fern-like foliage and produces a mass of beautiful star-shaped flowers. Grows 10 to 15 feet a season. Mixed. Pkt., 15c.

**Didiscus Coeruleus (Blue Lace Flower).** Attractive light blue or lavender flower produced on long stems. Very fine for cut flowers, and a continuous bloomer. A lovely plant. 24 to 30 inches high. Pkt., 15c.

#### Climbing Vines Special Mixture

This mixture consists of Morning Glory, Hyacinth Bean, Wild Cucumber, Cypress Vine, Ipomea, Climbing Nasturtiums, etc. Pkt., 15c.

**Dianthus or Pinks** The double varieties are nearly as nice as Carnations for cutting. The annual varieties may be sown in the open when danger from frost is past and will bloom from early summer until frost. 12 to 15 inches high.

**CHINENSIS (China Pinks).** Large, double flowers in mixed colors. Pkt., 15c.

**HEDDEWIGI.** Large single flowers. Mixed colors. Pkt., 15c.

**HEDDEWIGI.** Large double flowers, mixed colors. Pkt., 15c.

**PLUMARIUS. (Grass or Clove Pinks).** Double, semi-hardy. Mixed. Pkt., 15c.

**PLUMARIUS.** Single mixed. Pkt., 15c.

**DOUBLE.** Mixed colors. Pkt., 15c.

**SINGLE.** Mixed colors. Pkt., 15c.

**HARDY GARDEN PINKS.** Will come up year after year if winters are not too severe. Mixed colors. Pkt., 15c.

**WESTWOOD BEAUTY.** Color ranges from fiery red to deep velvety red, some lighter. Grows 10-15 in. high. Pkt., 15c.

**Rock Garden Pinks** Suitable for any other hot, dry spot. rockery or

**DELTOIDES. (Maiden Pink).** A beautiful little plant, bearing a profusion of small crimson flowers during June and July. 6 inches high. Pkt., 15c.

**CAESIUS. (Cheddar Pink).** Very compact in growth, rose colored fragrant flowers in May. 6 inches high. Pkt., 15c.

**Dimorphotheca (African Daisy).** A rare and extremely showy annual Daisy. The plants grow about 15 inches high producing an abundance of daisy-like flowers, the greater part of the summer and fall.

**AURANTIACA. (Orange).** Blossoms a unique rich orange gold. Pkt. 10c.

**AURANTIACA MIXED.** Vary in color from white to red, and various tints of yellow, orange and salmon. Pkt. 10c.

**SALMON BEAUTY.** Soft salmon pink. Pkt. 10c.

**WHITE BEAUTY.** Flowers large, many zoned around dark centers. Pkt. 10c.



*Dimorphotheca Aurantiaca*

**Dolichos (Hyacinth Bean).** A rapid growing and free blooming climber. Very ornamental for covering trellises, arbors and porches. Grows about 10 feet. Mixed colors. Pkt., 15c.

**Eschscholtzia** —See Calif. Poppy.

**Everlastings** A get-acquainted collection of selected everlasting flowers. 1 to 4 feet tall. Mixed. Pkt., 10c.

**Four O'Clocks (Marvel of Peru).** A popular old garden favorite, growing to a height of about 2 feet. Forms small tree-like bushes about 1½ feet through, which are covered with Morning Glory-like flowers of white, yellow, pink, orange and red, from July to October. Make an attractive hedge. Tall mixed. Pkt., 15c.

**Gaillardia (Blanket Flower).** Very beautiful plant and remarkable for the profusion, size and brilliancy of its flowers, blooming from early summer until frost. Fine for cut flowers. 12 to 18 inches high. Single or double mixed. Pkt., 15c.

**INDIAN CHIEF.** Single, bronzy red. Pkt., 15c.

**Geranium** Seed may be started indoors early in the year and will produce blooming plants the same summer. Mixed. Pkt. 25c.

**Gilia** These delightful flowers are rapid growers, fine for cut flowers.

**CAPITATA. (Queen Anne's Thimble).** Charming and attractive bushy plants of erect habit and fine feathery foliage, blooming all summer. May be dried and used as an everlasting. Lavender. 1½ to 2½ feet tall. Pkt. 15c.

**Globe Amaranth (Gomphrena).** Produces an abundance of clover-like blossoms in many attractive colors. Flowers can be dried for winter bouquets. 15 to 18 inches high. Mixed. Pkt. 15c.

**GLOBOSA DWARF PURPLE.** Uniform ball-shaped plants 6 inches tall. Long blooming. Pkt. 15c.

**Godetia** An attractive annual which does best in poor soil and partly shaded. The flowers are of satiny texture in many colors, blooms resembling single Hollyhocks, flowering from June to October.

**TALL.** 18 to 24 inches. Mixed. Pkt. 15c.

**DWARF.** 10 inches. Mixed. Pkt. 15c.

**SYBIL SHERWOOD.** A gorgeous salmon pink, softened by an edging of white. 20 inches high. Pkt. 15c.

**Gourds (Ornamental).** Gourds mature and ripen better if trained over fences or trellis. Watering during flowering period will cause dropping of flowers and buds, and loss of Gourds. Do not harvest Gourds until stem becomes brown and pressure with the fingernail cannot dent the shell of the Gourd. After picking, Gourds should be hung in any airy, dry place until cured. Large sorts mixed, small sorts mixed, or large and small sorts mixed. Pkt. 15c.

**Gypsophila (Baby's Breath).** Its graceful panicles of dainty blossoms and feathery foliage are unequalled for making up bouquets. Sow at intervals during the summer for continuous blooming. 18 to 24 inches high. White, Pink, Carmine. Mixed. Pkt. 15c. White, ½ oz., 40c; 1 oz., 75c.

**Hearts and Honey Vine** Produces beautiful foliage, blooms all summer and fall. At times flowers cover completely the vines. In early morning, blooms are a brilliant orange, towards noon color changes to pinkish-red, late afternoon a bright rose-pink with white center. Attracts humming birds. A must in every garden. Pkt., 15c.

**Helianthus (Sunflower).** Brilliancy of the flowers are very effective in forming background of large beds or borders and for distant effect.

**SUN GOLD.** Double, large flowers, golden yellow. 4-5 feet. Pkt. 10c.

**TALL RED.** 5 feet. Single. Pkt. 10c.

**STELLA.** 5 feet. Miniature flowered, pure golden yellow. Pkt. 10c.



*Helichrysum*

#### Helichrysum

**(Straw Flower).** Pretty Everlasting flowers in beautiful colors, many soft and artistic shades. Splendid for winter bouquets. To preserve them, cut the flowers before they are fully expanded and hang heads down in a dry place. Grow 15 to 24 inches high. Mixed colors. Pkt. 15c.

**Heliotropium (Heliotrope).** About 18 inches high. Its delightful perfume makes it most desirable for bouquets. Makes a fine house plant for winter. Colors, various shades of lavender. Pkt., 15c.

**Hollyhocks** (Annual). Blooms the first year from seed, when sown in April or May. Height 4 to 5 feet. Semi-double or single, mixed. Pkt. 15c.

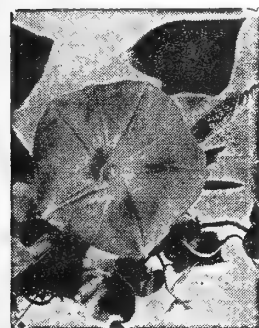
**INDIAN SPRING.** Blooms in five months from seed. Secondary blooms develop in side shoots after main flowering stem is cut away, the same season. Has semi-double to double-pink flowers on 4-5 foot plants. Pkt. 15c.

**INDIAN SUMMER.** Similar to the perennial Chaters Hollyhock. Blooms first season from seed. Mixed, Pkt. 15c.

**Hunnemannia** (Giant Yellow Tulip Poppy or Bush Eschscholtzia). The best poppy for cut flowers. Produces an abundance of brilliant yellow tulip-shaped flowers from July until frost. 15 to 20 in. high. Pkt., 15c.

**SUNLITE.** A semi-double poppy of bright canary yellow, foliage light gray green. Plants 2 feet. Pkt., 15c.

**Ice Plant** Dwarf trailing plant, prized for its singular icy-like foliage. The white and pink flowers and leaves appear to glisten with dew or crystal beads. Likes dry, sunny situation. About 6 inches tall. *Crystallinum*. Pkt. 15c.



### Ipomoea

(Morning Glory).

Plant in a dry, sandy location and never apply fertilizer. Do not sow outdoors until ground is thoroughly warmed.

**HEAVENLY BLUE IMPROVED.** Flowers early and remain open until late in the afternoon. Color is a deep intense blue,

shading lighter toward center. Pkt., 15c; 1/8 oz., 25c; 1/4 oz., 45c.

**CANDY PINK.** An easily grown vine, often reaching a height of 20 ft. and bearing big 4 inch diameter pink flowers throughout the Summer. Pkt. 25c.

**DARLING.** Brilliant rich wine red, snowy-white throat make the large flowers stand out immediately. Climbs and blooms freely. Pkt., 15c.

**PEARLY GATES.** White with a creamy shading in the throat. Pkt. 15c.

**SCARLETT O'HARA.** Flowers are a rich wine red, blooming 65 days after seed is sown. Flowers are not as large as Heavenly Blue. Pkt. 15c.

**CLARK'S EARLIEST HEAVENLY BLUE MORNING GLORY.** Flower sky blue, shading golden yellow in throat. Bloom early. Pkt. 15c.

**DOUBLE ROSE MARIE.** Flowers are a beautiful deep rose of double and semi-double form. A novelty. Pkt. 15c.

**NOCTIFLORA (Moonflower).** Covered with large white flowers every evening and cloudy days. Pkt. 15c.

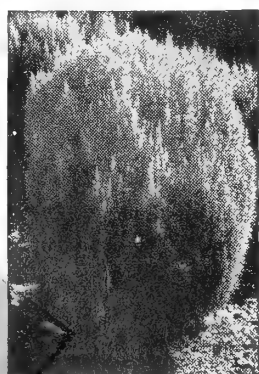
**IMPERIALIS MORNING GLORY.** The flowers are snow-white to purple with all the between shades. Pkt. 15c.

**TALL MIXED MORNING GLORY.** Flowers are very beautiful. Pkt. 15c.

### Kochia

(Summer Cypress or Mex. Fire Bush). Sow thinly in spring. Soon forms a cypress-like hedge of lively green and of perfect symmetry. 2 to 3 feet high. The color of entire plant changes to a deep red in autumn. Pkt., 15c.

Lace Flower (See Didiscus).



Kochia

**Lantana** A tender perennial plant with Verbena-like fragrant flowers in shades of white, red, orange and yellow. Grow in pots and set out in summer. 15 to 20 inches high. Hybrids mixed. Pkt. 15c.

**Larkspur** These annual Larkspur are among our showiest garden flowers. The flower spikes of various shades are among our finest for cut flowers. Spring-sown seed will produce flowers from July until frost. Larkspur thrive best in a sunny situation. Height, 3 feet.

**GIANT IMPERIAL.** Azure Blue, Carmine Rose, Dark Blue, Deep Rose on Salmon, Lilac, Rose Pink, Salmon Rose, mixed colors. Pkt. 15c.

**ROSAMOND (Double Stock Flowered).** A pure bright rose. Pkt. 15c.

**REGAL STRAIN.** Long spikes of huge florets. Early. Finest Mixed. Pkt. 15c.

**SUPER MAJESTIC ROSE PINK.** Tremendous vigor and height of 5-foot blooms distinguish this new Larkspur. Has double rose pink flowers. Pkt. 15c.

**Lobelia** Charming little ball-shaped plants covered with a profusion of deep blue flowers. An excellent plant for edging or bedding.

**CRYSTAL PALACE COMPACTA.** Fine for pot culture. 4 in. Pkt. 15c.

**MRS. CLIBRAN.** Deep blue, white eye. Pkt. 15c.

**HYBRIDA PENDULA SAPPHIRE.** Trailing, deep blue, white eye. Pkt. 15c.

**Lupinus (Lupine).** The long and graceful spikes of pea-shaped flowers make fine cut flowers. Blooms July and August. Plant in partly shaded place. Height about 2 feet. Mixed colors. Pkt. 15c.

## Marigold, Tall Varieties

The French and Dwarf grow 12 to 18 inches high, while the African and other tall varieties grow 2 to 4 feet.

**CRACKER JACK.** A new marigold of large double flowers measuring 4 to 5 inches across, in colors of primrose, yellow, gold or orange. Bloom early. Plants 3 1/2 ft. tall. (See back cover page.) Mixed colors only. Pkt. 25c.

**MAN IN THE MOON.** Tall, Carnation Flowered, pale moon-yellow, on strong stems, large flowers. Pkt. 25c.

**GLITTERS.** Soft golden yellow Chrysanthemum flowers, 3 inches across, bushy plants 2 1/2 feet high. Bloom early and till frost. Pkt., 10c.

**REAL GOLD.** Carnation-flowered with blooms 4 1/2 inches across, very double golden-orange. Plants 20 to 25 inches tall. Pkt. 15c.

**FLASH.** Earliest of all marigolds, ranging in color from vivid red through bronze with few yellows. In cold weather velvety-red, in hot weather tangerine. Pkt. 10c.

**MAMMOTH MUM.** The rich lemon-yellow 4 to 5-inch flowers resemble the large double chrysanthemums we admire so much in the fall. Pkt. 15c.

**BURPEE GOLD.** Carnation-like flowers 3 1/2 to 4 inches across, of bright orange color. Plants grow 2 1/2 feet tall; foliage odorless. Pkt. 15c.

**LIMELIGHT.** Chrysanthemum flowered. Color pale primrose yellow or deep cream. Flowers bloom early. 1 1/2 to 2 1/2 inches across, abundant for 8 to 9 weeks. Pkt. 10c.

**YELLOW SUPREME.** A companion to the popular Guinea Gold. Flowers are a creamy lemon-yellow, plants 2 to 2 1/2 feet. Pkt. 10c.

**AFRICAN, NEW HORIZON.** Flowers are of different type, such as ball, carnation, peony or loose-petalled, fully double, colors from deepest orange to bright yellow. Pkt., 25c.

**AFRICAN (Tall).** Plants grow 2 1/2 feet high and produce an abundance of large double flowers of glowing colors. Do best in a sunny situation. Orange, Lemon, or Mixed. Pkt. 15c.

## Marigold Dwarf Varieties

**FIRETAIL.** Has a base color of rich, golden orange with a dozen or so tongue-like markings of reddish scarlet. A striking color combination. Pkt. 25c.

**BROWNIE.** Single flowers are a vivid russet red and gold, on 10 to 12 inch bushy plants. Pkt. 15c.

**RUSTY RED.** Fully double 2 inch flowers of bright red on 18 inch plants. Bloom all summer until frost. Pkt. 15c.

**TANGERINE.** New, double flowers of bright tangerine-orange, 2 in. across. Plants about 15 inches tall. Pkt. 15c.

**COLOR MAGIC.** New, 2 inch large flowers of an unusual blend of colors, from red to yellow, also many bicolor combinations. Plants 7 in. Pkt. 15c.

**SUNNY.** A dwarf single French with bright yellow flowers, 2 inches across. Plants 15 inches tall. Pkt. 15c.

**DWARF DOUBLE BUTTERBALL.** Attractive, very compact, scabious flowering, canary yellow, only 6 to 10 inches tall. Pkt., 15c.

**RED HEAD.** Plants 1 foot tall, bushy, free flowering, color a rich mahogany-red, changing to bronze and gold. Showy in beds or borders. Pkt., 15c.

**NAUGHTY MARIETTA.** A dwarf single Marigold about 12 inches tall covered with 2 to 2 1/2-inch golden yellow flowers, mahogany at base. Pkt., 10c.

**HAPPINESS.** Dwarf chrysanthemum flowered. Bright golden yellow, early. Pkt., 10c.

**DWARF FRENCH DOUBLE MELODY.** Grows 12 to 15 inches high and literally covered with golden yellow Harmony type flowers. Pkt., 10c.

**SPRY.** Extra dwarf, double, compact, fine for edging. About 9 inches tall with light orange crested center and maroon outer petals. Pkt., 10c.

**SCARLET GLOW.** Flowers are a dwarf double, of a bronzy red color, nearly 2 inches across. Plants compact and about 12 inches tall. Pkt., 15c.

**LEMONDROP.** Is 9 inches tall, compact and a profuse bloomer of double canary yellow flowers. Pkt., 15c.

**DWARF FRENCH DOUBLE HARMONY.** The scabiosa-like deep orange center petals is flanked by broad velvety dark maroon-brown outer petals. Plant 12 inches high. Pkt., 10c.

**MONARCH STRAIN. (Dwarf French Double).** Of compact growth, flowers in combinations of orange, bronze, yellow and mahogany. Pkt., 15c.

**Marvel of Peru** — See Four O'Clocks.

**Matricaria** Freely branching flower stems are literally covered with very double flowers, resembling a button Chrysanthemum.

**CAPENSIS (Feverfew).** Small, double white flowers grown on plants 2 feet tall. Fine for cutting. Pkt., 15c.

**Matthiola Bicornis (Evening Scented Stock).** An old-fashioned little annual, with a delightful perfume which its purplish lilac flowers give out in the evening. Grows 12 inches high. Pkt., 15c.

**Mignonette Reseda** A well-known fragrant plant. Can also be grown indoors, in pots for winter use. Sowings made in April and again in July will keep up a succession of bloom from early summer until frost. Grows 10-16 ins. high.

**SWEET SCENTED.** The old-fashioned variety with small spikes but the most sweetly scented of all. Pkt., 15c.

**SPECIAL MIXTURE LARGE FLOWERING.** Pkt., 15c.



**Morning Glory**—See Ipomoea.

**Nasturtiums** The maximum of bloom is produced in dry gravelly or sandy soil. Water freely until plants are established. It is best to pick the blossoms almost daily. Dwarf varieties grow to a height of 12 to 15 inches; the tall, or climbing, 6 to 10 feet.

**RELIABLE DWARF MIXED VARIETIES.** Pkt., 15c; oz., 50c.

**RELIABLE TALL MIXED.** Pkt., 15c; oz., 50c.

**GLEAM HYBRIDS.** Are a collection of gorgeously colored, semi-double flowers of dazzling beauty in colors of salmon, golden yellow, orange scarlet, cerise, cream yellow, orange crimson, gold flushed scarlet. Each or Mixed. Pkt., 15c; oz., 50c.

**Nemesia** Only 6 to 8 inches high, bear continuously, flowers of red, orange, crimson, cream, scarlet and rose. Does best in cool situation and partial shade. **Mixed colors.** Pkt., 15c.

**Nicotiana (Tuberose Flowered Tobacco).** Delightfully sweet-scented, tubular flowers, blooming continually from July to October. Grow 2 to 3 feet high. Do well in partly shaded places.

**AFFINIS.** Crimson, white or mixed colors. Pkt., 15c.

**SENSATION.** Compact, unusual shades, fragrant. Mixed. Pkt., 15c.

**Nierembergia** A most charming plant, 5 to 6 inches tall, with lovely flowers. Blooms 15 weeks from seeding, until heavy frost. Likes full sun.

**PURPLE ROBE.** Flowers are deep violet purple. Pkt., 25c.

**Nigella (Love-in-a-Mist).** A compact free-flowering plant of feathery foliage, with curious looking flowers and seed pods of easy culture. Plants about 15 to 20 inches high. Flowers are light blue or white. Blooms all summer. **Mixed.** Pkt., 15c.

**Pansies** Plant in a shady situation and give plenty of moisture and fertilizer. Pick faded blooms so they do not go to seed. Plants about 6 inches high.



*Engelmann's Giant*

**PANSY CULTURE.** The seed may be sown indoors in February or March; or in spring in the open ground, in a shady, cool spot where the plant can be protected from the strong mid-day sun.

**ENGELMANN'S GIANT.** This early flowering giant strain contains a great variety of both dark and light shades; all of the five blotched type. Pkt., 35c.

**COLOR CARNIVAL.** A color range of reds and scarlets and wide range of color combinations. Large size blooms. Pkt., 50c.

**FELIX.** Colors are rich and unusual—including purple, apricot, wine together with pastel bronzes and smoky tones. Each flower is marked with dark whiskers. Pkt., 25c.

**OREGON GIANTS.** Long stemmed giant flowers, gracefully waved at edge. In blue, and yellow shades. Pkt., 25c.

**SWISS GIANTS.** The flowers are very large, in a great variety of colors. Finest mixed. Pkt., 25c.

**MAPLE LEAF GIANTS.** Flowers up to 4 inches across, in a wide range of colors. Mixed. Pkt., 25c.

**GOULD'S RELIABLE MIXTURE.** Large size and pleasing range of colors. Early flowering, lovely shades. Pkt., 25c.

## PETUNIAS

The Petunia is peerless among annuals for effective summer bedding or window boxes. It is of easy culture. Blossoms early and until heavy frost.

### Double

**MRS. DWIGHT D. EISENHOWER.** The lovely double, soft mid-salmon colored flowers measure about 2 3/4 inches across. Plants about 16 inches tall. Pkt. (100 seeds), \$1.50.

**BURPEE SALMON.** New for 1957. Double fringed, soft salmon pink flowers. Pkt., \$1.00.

**ROSE MARIE.** The rose-pink double flowers grow 3 inches and more across. Plants about 18 inches tall and 30 inches across. Pkt. (100 seeds), \$1.00.

**COLOSSAL SHADES OF ROSE.** The color ranges from light and salmon pink to mostly deep pinks and purplish rose. Plants about 18 in. tall. Flowers 4 to 5 in. across. Pkt., \$1.00.

**ALL-DOUBLE AMERICA.** A Petunia of mauve pink color. Medium sized blooms. Pkt., 75c.

**DOUBLE GIANTS OF CALIFORNIA.** A super strain of Giant Double ruffled and fringed mixed. Pkt., 50c.

**ALL DOUBLE BURPEE. Sonata White.** New for 1956, fringed, pure white flowers 3 1/4 to 4 inches across on plants 22 inches high. Pkt., \$1.00.

### Fancy Types

**RED SATIN.** A 1957 All-America winner. This marvelous red, on 10 to 12 inch globe shaped plants, hold their dazzling color through heat of summer, often 30 blooms open on each plant (see back cover page). Pkt., 50c.

**GLITTERS.** Top All-America winner for 1957. The combination of scarlet-crimson and white is truly brilliant. Plant 12 to 18 inches high. Pkt., 50c.

**LINDA.** Brilliant rosy salmon flowers on a vigorous 9 inch plant. Pkt., 50c.

**FIRE DANCE.** (1956 All-America winner). 3 1/2 to 4 inch brilliant salmon-scarlet and yellow throat flowers, deeply fringed. Plants grow 12 to 15 inches high. Pkt., 50c.

**PRIMA DONNA.** Flowers rose-pink, 3 1/2 to 4 inches across, with a plant spread of 20 to 24 inches. Pkt., 50c.

**BURGUNDY.** Showy large flowers of rich wine red, with white throat. Plants about 12 inches tall. Pkt., 35c.

**FRINGED DAINTY LADY.** The pale yellow flowers are of medium size, daintily fringed. Plants 12 in. Pkt., 50c.

**ELK'S PRIDE.** Plants, 12 inches with deep velvety purple flowers. Pkt., 50c.

**RUFFLED MARTHA WASHINGTON.** The plants are about 9 inches tall, bluish pink at the edges, deepening to dark violet in the throat. Pkt., 35c.

**BALLERINA.** Large flowered, fringed, compact. Fine for garden or pot culture. Color deep rose. Pkt., 50c.

**BALLET HYBRIDS.** A mixture of all colors. Pkt., 50c.

**POPCORN.** A new single, plain edged white Petunia, identical to Snowstorm but earlier blooming. Plant very dwarf and compact. Pkt., 50c.

**CARNIVAL HYBRID F 1.** Many different colors in large flowers from 3-4 in. across, many with fringed and ruffled edges. Pkt., 25c.

**CRUSADER.** Also a F 1 Hybrid, Gaily striped rose pink on white. Pkt., 50c.

**TANGO.** A brilliant deep salmon, shading to scarlet salmon near throat. Flowers beautifully fringed. Fine for bedding or pot. Plant 12 to 15 in. tall, with a 2 ft. spread. Pkt., 50c.

**SNOWSTORM.** Glistening white shading yellow in throat. Plant 12 to 16 inches high, flowers large. Pkt., 50c.

**THEODOSIA.** Large fringed flowers. Rose pink, golden throat. Pkt., 50c.

**WHITE CLOUD.** Large flowering, plain edged; pure white, dwarf, compact, 12 inches tall. Pkt., 50c.

**DWARF GIANT. (Ramona strain).** Flowers beautifully ruffled and frilled. Height 10 in. Mixed colors. Pkt., 35c.

**GIANTS OF CALIFORNIA.** Flowers are large, edges fringed, petals fluted and crinkled in range of colors. Height, 12 in. Mixed colors. Pkt., 35c.



*Giants of California*

**GIANTS OF CALIFORNIA GLAMOUR.** It has a large salmon-rose flower with brown veining on white in the throat; a continuous bloomer. Pkt., 35c.

### Balcony Petunias

A splendid single flowering type for window boxes, vases, hanging baskets. Deep red, deep blue, dark red, rose, white, or mixed. Pkt., 15c.

### Dwarf Bedding Petunias

Dwarf, erect growing, suitable for massing, borders or window boxes.

**LIPSTICK.** New, 12 to 14 inch plants are covered with medium size flowers of rich carmine rose with a touch of salmon. Hold color in hot weather. Pkt., 35c.

**FIRE CHIEF.** A dwarf plant and heavy bloomer of brilliant scarlet red flowers. Pkt., 25c.

**COMANCHE.** Of dwarf fairly compact habit with medium size flowers of deep true red. Blooms do not fade in the sun. Pkt., 50c.

**CELESTIAL ROSE.** Similar to Rose of Heaven but color is deeper rose. A lovely plant. Pkt., 15c.

**KING HENRY.** Deep velvety crimson or mahogany-red. Compact growth, plant 10 inches high. Pkt., 25c.

**CREAM STAR.** Flowers are a soft, creamy white, and with a star of cream coloring on flowers. Pkt., 15c.

**ENGLISH VIOLET.** Continuous bloomer of 2-inch rosy mauve-violet flowers. Plants 12 to 15 inches. Pkt., 15c.

**PEACH RED.** It has a unique color of rich salmon cerise. Plants grow to about 15 inches high. Pkt., 15c.

**ROSE OF HEAVEN.** A select strain of the lovely and popular brilliant rose pink. A heavy bloomer. Pkt., 15c.

**ROSY MORN.** An improved selection of this clear pink with white throat. Very free bloomer. Pkt., 15c.

**SNOW QUEEN.** Pure white. Pkt., 15c.

**TWINKLES.** Brilliant rose, starred white. Pkt., 15c.

**VELVET BALL.** Mahogany red flowers with a violet hue. Plants compact, bloom long. Pkt., 25c.

**VIOLACEA.** Deep velvety purple. Pkt., 15c.

**FINEST MIXTURE.** New, well balanced color range. Pkt., 15c.

**Phacelia (California Blue Bell).** About 8 inches high, loosely branching with rich blue flowers. Blooms very early. Very effective for edgings, also a fine pot-plant. Pkt., 15c.

**Poppies** Sow early in the spring where the plants are to remain, as they will not bear transplanting. Thin out plants to 4 to 6 inches apart. Sow at intervals to keep up a succession of bloom. As cut flowers they are short lived, but if their stems are dipped in boiling water for just one moment when cutting they last much longer.

**GOULD'S SINGLE SHIRLEY.** Flowers snow-white through tints of pink, rose, crimson, blood-red and salmon. Height 30 in. Mixed colors. Pkt., 15c.

**GOULD'S DOUBLE SHIRLEY.** Flowers double and semi-double. Same height and colors as the Single Shirley. Mixed colors. Pkt., 15c.

**AMERICAN LEGION.** Flowers bright orange-scarlet. Plants grow about 2 1/2 feet high. Pkt., 15c.



**Phlox, Annual** **GIGANTEA.** A strain of Phlox Drummondii with florets 1¼ to 1½ inches in diameter in heavy clusters. The habit is erect and uniform, growing 9 to 12 inches high.

**GIGANTEA ART SHADES.** Pkt., 25c.  
**GIGANTEA RED GLORY.** Pkt., 25c.  
**GIGANTEA ROSY MORN.** Pkt., 25c.  
**GIGANTEA SALMON GLORY.** Pkt., 25c.  
**GIGANTEA MIXED.** Pkt., 25c.

**GLOBE.** Dwarf, compact, globe shaped, 5 to 8 in. high, 8 to 12 in. wide, of practically solid color, mostly white, dark red, rose red, lavender pink. Fine for border. Mixed. Pkt., 25c.

**STARRED.** Of dwarf habit with very pretty star-shaped flowers. Grows about 12 inches high. Choice mixed. Pkt., 25c.

**NANA COMPACTA DWARF.** Fine for bedding or borders. Flowers all summer and fall. Grows only 6 to 8 inches high. Mixed. Pkt., 25c.

### Queen Anne's Lace Flower

An old favorite of our grandparents. Plants grow upright 2 to 2½ feet high, heavily branched, with white flowers spread out umbrella-like from each branch end. Easily grown and cut flowers last long in water. Pkt., 15c.

### Flowers for Shade or Semi-shade

Achillea.	Lobelia.
Alyssum.	Lupine.
Anchusa.	Matricaria.
Annual Phlox.	Myosotis.
Aquilegia.	Nemesia.
Asters.	Nicotiana.
Bellis Daisies.	Pansy.
Canterbury Bells.	Platycodon.
Centaurea.	Salvia.
Clarkia.	Schizanthus.
Coreopsis.	Snapdragon.
Delphinium.	Sweet Alyssum.
Digitalis.	Sweet Sultan.
Godetia.	Sweet William.
Heuchera.	Viola.

**Ricinus (See Castor Bean).**

**Portulaca (Moss Rose).** A low growing annual; bearing brilliant colored flowers during the entire summer. This plant is suitable for rockeries and will grow and bloom profusely in a dry hot situation where other plants would fail. Plants about 6 inches high.

**SINGLE MIXED** colors. Pkt., 15c.

**DOUBLE MIXED** colors. Pkt., 15c.

**SINGLE AND DOUBLE MIXED.** Pkt., 15c.

**GRANDIFLORA, DOUBLE.** Flowers like little roses. Mixed. Pkt., 15c.

**GRANDIFLORA, SINGLE.** Mixed. Pkt., 15c.

**PREMIUM.** All double mixed. Pkt., 25c.  
**SINGLE JEWEL.** Brilliant carmine, very large, free flowering. Pkt., 15c.

**Rudbeckia (Cone Flower).** Excellent for cutting. Golden yellow flowers with brown markings, on long stems. Grows 2 to 3 feet high. Blooms June to August.

**STARLIGHT.** Plants about 3 feet tall. Flowers double to single, colors, primrose yellow to mahogany and bicolors with mahogany centers. Pkt., 15c.

**Salpiglossis (Painted Tongue).** A very beautiful hardy annual plant, about 30 inches tall, flowering freely from July to autumn.

**EMPEROR.** Produces a large cluster of beautiful flowers. Mixed colors. Pkt., 15c.

**GLOXINIFLORA MIXED.** Flowers large, veined in contrasting colors. Pkt., 15c.

**DWARF LARGE FLOWERING.** About 12 inches. Plants bushy and compact and flowers surpass the taller varieties in size and color. Mixed colors. Pkt., 15c.

### Rock Garden Mixture

This is a fine variety of annual flowering plants suitable for Rock Gardens. A select mixture. Pkt., 10c.

**Salvia (Scarlet Sage).** It is especially adapted for a border in front of tall shrubs, or in back of dwarf growing plants. Salvia should be started indoors and transplanted to the outdoors after danger of frost.

**ST. JOHN'S FIRE.** Most popular of the early dwarf red. Flower remaining until frost, on bushy plants, about 10 in. tall. Pkt., 50c.

**BLAZE OF FIRE.** Dwarf, 10 inches, brilliant scarlet flowers. Holds blooms until frost. Pkt., 35c.

**SPLENDENS.** Blooms from August until killed by frosts. The old favorite. Height about 2 feet. Pkt., 25c.

**AMERICA or GLOBE OF FIRE.** Brilliant scarlet flowers, 16 inches high, fine for bedding. Uniform in habit, a continuous bloomer. Pkt., 25c.

**ZURICH.** 12 to 15-inch plants that bloom early. Scarlet-red flowers on dwarf, compact plants. Pkt., 25c.

**CLARA BEDMAN or BONFIRE.** Grows 2 feet high. Scarlet-red flowers grow erect above the foliage, forming globular bushes. Pkt., 25c.

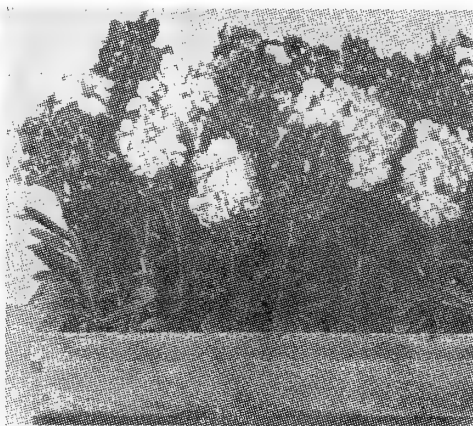
**Sanvitalia (Creeping Zinnia).** Of dwarf, compact growth; spreads itself over the soil instead of growing upright. Useful for rockery, edging, beds, baskets. Showy, bright yellow flowers bloom all summer. 6 inches. Pkt., 15c.

**Scabiosa (Mourning Bride).** Commonly known as the Pin-cushion Plant, growing to a height of 20 to 30 inches. The flower stems are long and the blossoms keep well in water. When picked off regularly they will bloom all through the summer.

**LARGE TALL DOUBLE.** 2½ feet high.  
 Azure Blue. Reddish Black.  
 Cherry Red. Rose.  
 Flery Scarlet. Rosy Lilac.  
 Mid-blue. Salmon Rose.  
 Pure White. Yellow.  
 Any of above or Mixed Colors. Pkt., 15c.

**GIANT FLOWERED HYBRIDS MIXED.** Large ball-shaped flowers, unusual colors. About 2½ feet tall. Pkt., 15c.

**TOM THUMB MIXED.** Miniature plants, 6 to 8 inches high. Pkt., 15c.



Trysomic 7 week Stock in Flat

**Stocks (Early Giant Imperial).** One of the most highly prized of our annuals. Our select strain produces a high percentage of double flowers. Suitable for pots as well as the garden. The delightful fragrance, free blooming, long lasting character make them invaluable for cut flowers. Flower from July until October. Grow 20 to 30 inches tall. **IMPROVED BISMARCKS.** Mixed colors. Pkt., 15c.

**TRYSONIC 7 WEEK STOCK.** New. When about 6 inches in height plants throw central spike of bloom. Then produces many side branches and blooms all summer. Has a wide range of colors. Plants 12 in. high. Pkt., 50c.

**Schizanthus (Butterfly Flower).** Yields an abundance of blooms on delicate fern-like stems from July to September. Desirable for cut flowers and a nice house plant. Height 6 to 15 inches.

**EXCELSIOR COMPACTUS.** Finest Mixed. Semi-dwarf, free flowering. 6 inches. Pkt., 15c.

**DR. BADGERS IMPROVED GIANT FLOWERED HYBRIDS.** A super strain of large flowers in a brilliant range of colors, from light pink to deep purple. Pkt., 15c.

### House Plants from Seed

Agatheia.	Nemesia.
Carnation.	Passiflora.
Heliotrope.	Phacelia.
Lantana.	Schizanthus.
Marigold.	Stocks.
Mignonette.	Tagetes.
Mimulus.	Wallflower.

**Snapdragons** See Antirrhinum.



Sweet Peas

### Sweet Peas

Sweet Peas are one of the most fascinating flowers of all garden annuals. The blooms, with their long wiry stems, delicate fragrance, and great variety of fascinating shades, have a grace and individuality for table decorations.

### How to Grow Fine Sweet Peas

Sweet Peas are of comparatively easy culture, if their requirements are taken into consideration. We can all grow fine Sweet Peas with lovely long stems if we will observe a few simple rules in their culture.

- First—Good seed.
- Second—Rich soil, deeply dug.
- Third—Early sowing.
- Fourth—Early staking.
- Fifth—Frequent fertilization to insure healthy, rapid, continuous growth.
- Sixth—Keep soil loose and porous.

**GOULD'S SUMMER FLOWERING SPENCER SWEET PEAS.** Are especially grown for under glass culture, but are equally desirable for growing out of doors. Blue, cerise, cream, crimson, lavender, maroon, orange, pink, purple, rose, salmon, scarlet, white or mixed colors. Pkt., 15c; 1 oz., 35c; 2 oz., 65c.

**LITTLE SWEETHEART.** Plant only 8 inches high, flowers are the large Spencer type. In Mixture only. Pkt., 25c.

**LINWIN'S STRIPED OR BUTTERFLY HYBRIDS.** A new and very gay Sweet Pea in a striking blend of striped colors, in a large number of fascinating combinations. Pkt., 15c; oz., 35c.

**RUFFLED VARIETIES MIXED.** Large flowers on long stem. Pkt., 15c.

**CUTHBERTSON SPRING FLOWERING.** Produce long stout stems and a heavy crop of flowers over a long blooming period. Finest mixed. Pkt., 15c; 1 oz., 35c; 2 oz., 65c.



Inoculate seed with Nitragin. Makes finer, more vigorous and healthier Sweet Peas. Garden size, postpaid 30c.

**Sweet William (Annual).** The plants are of the same type and habits as of the perennial kinds. The flowers are very similar, having a variety of colors and very fragrant. 15 to 20 inches. Mixed colors. Pkt., 15c.

**Tagetes (Single Dwarf Marigolds).** Dwarf, compact, bushy annuals of the Marigold family, with beautiful fern-like leaves, densely covered with flowers of bright orange and golden yellow, which flower from June until frost. A fine plant for the border or rockery, also potting.

**LULA.** New, flowers a pleasing bright canary yellow, covering plant completely. Makes a grand border plant, only 7 inches tall, with a spread of 12 inches. Pkt., 15c.

**URSULA.** New, similar to Lula above, except flowers which are a golden orange color. Pkt., 15c.

**SIGNATA PUMILA LITTLE GIANT.** Only 4 to 6 inches high with an abundance of dainty single golden orange flowers. Pkt., 15c.

**Torenia (Wishbone Flower).** Bushy plants 10 inches high covered with lovely, rich colored snapdragon-like flowers of sky blue with a touch of gold on the tip. Fine for beds, pots or hanging baskets. Pkt., 25c.

**Thunbergia (Black Eyed Susan).** A beautiful rapid-growing annual climber. Used extensively in hanging baskets, vases, etc., and to cover low fences. Colors range through all shades of yellow, orange, buff, to pure white with dark centers. Will grow 5 ft. Finest mixed. Pkt., 15c.

**Tithonia (Mexican Sunflower).** Grow 5 to 7 feet high, throws up from the root many stout, woody stalks like the Dahlia, with large foliage. The dazzling orange-scarlet flowers resemble the single Zinnia.

**TORCH.** Easy to grow, plant only about three feet high, flowers a brilliant orange-red, blooming from mid-August until frost. Pkt., 15c.

## Verbena

The sweetly scented flowers are borne in large clusters and bloom profusely from mid-summer until late in autumn. Plants grow 6 to 12 inches high.

**HYBRIDA GRANDIFLORA.** Mixed colors. Pkt., 15c.



*Verbena*

**HYBRIDA DWARF COMPACT.** Plants grow about 6 inches high. Fine for edging or pot culture. Mixed, each, pkt., 15c.

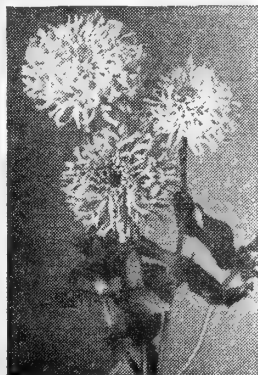
**DWARF RAINBOW.** Plants only 10 inches high, blooming early in a wide range of colors, including mauve, lavender and apricot. Mixed only. Pkt., 25c.

**SPARKLE.** Scarlet red large flower, white eye, dwarf compact, uniform and showy. Height 9 inches. Pkt., 25c.

**CRIMSON GLOW.** Flowers are pure glowing crimson, without eye. Pkt., 15c.

**BEAUTY OF OXFORD HYBRIDS.** Shades from rose pink to rose red. Pkt., 15c.

**LAVENDER GLORY.** Lavender with creamy eye. Pkt., 15c.



*Zinnia Fantasy*

**Zinnias** Zinnias are one of the most desirable and lovely flowers in the garden. They grow well in partial shade but like most flowers do best in a sunny location. The seed may be planted in the garden from April 15th to June 1st, and when the plants are two or three inches high they should be thinned out to 12 or 15 inches apart. Plants flower from early summer until frost.

## Tall, Large Flowered Zinnias

**GIANT DAHLIA FLOWERED, 2½ TO 3 FEET**

**CANARY BIRD.** Rich canary yellow.

**CRIMSON MONARCH.** Largest red.

**DREAM.** Deep rosy lavender.

**EL DORADO.** Salmon apricot.

**EXQUISITE.** Light rose, center deep rose.

**GOLDEN DAWN.** Golden yellow.

**GOLDEN STATE.** Rich orange yellow.

**ILLUMINATION.** Deep rose, self color.

**LUMINOSA.** Bright deep pink.

**METEOR.** Rich deep red, very large.

**ORIOLE.** Orange and gold bicolor.

**POLAR BEAR.** Very large, creamy white.

**PURPLE PRINCE.** Deep purple, large.

**ROYAL PURPLE.** Deep reddish purple.

**SCARLET FLAME.** Bright scarlet.

**WILL ROGERS.** Glowing, intense scarlet.

Each above or mixed colors. Pkt., 15c; ½ oz., 25c; ¼ oz., 45c.

**ORTHO-POLKA.** A new color type of large zinnia. Plants 3 ft., 4 inch fully double flowers have a combination of color on each bloom; a startling effect. (See back cover page.) Pkt., 25c.



*Zinnia, Dahlia Flowered*

**CALIFORNIA GIANT OR MAMMOTH.** 3 to 4 feet. Mixed colors. Pkt., 15c; ½ oz., 25c; ¼ oz., 45c.

**MISS WILLMOTT.** A lovely soft pink. Pkt., 15c.

**BURPEE HYBRIDS.** A fine mixture, mostly chrysanthemum type flowers in a wide range of colors. Pkt., 15c.

**TREASURE ISLAND.** New for 1957. Of the cactus type, produces 6 to 7 inch diameter flowers. Blooms early and all summer. Pkt., mixed, 25c.

**DAVID BURPEE.** The flowers have curled and quilled petals, similar to Chrysanthemums. Colors run to pastel shades. Plants 3 feet. Pkt., 15c.

**LUTHER BURBANK.** Lovely pastel shades of cerise, primrose through delicate buff-yellow, canary yellow, ivory, salmon, rose, apricot, peach, pink to deep rose. Mixed colors. Pkt., 15c.

## Medium Flowered Types FANTASY

Color of flowers ranges through shades of red, yellow and orange as well as the popular pastel pinks and cream. Plants 2½ to 3 feet. Mixed. Pkt., 10c.

**ORANGE QUEEN.** A lovely deep orange color. The petals are curled and crested and present a flower of informal charm. Pkt., 15c.

**WHITE LIGHT.** About as pure white as a Zinnia comes. Pkt., 15c.

**WILDFIRE.** A rich scarlet. Pkt., 15c.

**STAR DUST.** Flowers are a rich deep golden yellow. Pkt., 15c.

**ROSALIE.** Intense rose. Pkt., 15c.

**MELODY.** Orchid lavender. Pkt., 15c.

**EARLY WONDER.** Very early, fine for short season locations. 18 to 24 inches tall. Mixed colors. Pkt., 15c.

**PUMILA DOUBLE. (Cut and Come Again).** Plants are 12 to 18 inches high, flowers 2½ to 3 inches in diameter. Early, fine for cut flowers. Yellow, salmon rose, scarlet, white, rose pink or mixed colors. Pkt., 15c.

**PEPPERMINT STICK.** One of the best cut and come again bloomers, in a wide range of colors. 2 ft. tall. Pkt., 15c.

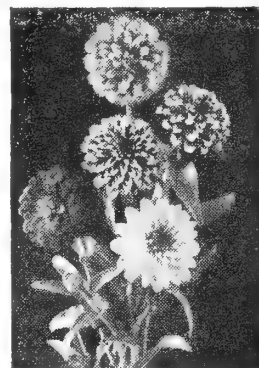
## Dwarf, Small Flowered Zinnias

**PERSIAN CARPET.** Plants about 12 in. tall. Flowers like tiny dahlias; no two alike. Pkt., 25c.

**IMP. LILLIPUT.** These plants form little bushes and are covered with small short stemmed very double flowers. Bloom all summer until late in the fall. Fine for borders. Grow 12 to 15 inches high. Canary yellow, crimson, golden orange, rose, pink, salmon, maroon, rose, white, scarlet, burnt orange, lilac, purple or mixed. Pkt., 15c; ½ oz., 25c; ¼ oz., 45c.

**LILLIPUT PASTEL MIXTURE.** Dwarf compact plants, 12 to 15 inches in height. Mixed colors. Any of above. Pkt., 15c; ½ oz., 25c; ¼ oz., 45c.

**HAAGEANA. (Mexican Hybrids).** These small double flowers are long enough for bouquets. Mixed colors. Pkt., 15c.



*Haageana Dwarf Zinnia*

**RED RIDING HOOD.** Grows but a foot high, of compact form and covered the entire season with double, intense scarlet flowers. Fine for border. Pkt., 15c.

**CUPID.** Plants are only 4 to 6 inches high, compact, covered with red, orange, yellow, pink, rose and other pastel shades. Excellent pot plant. Mixed colors. Pkt., 15c.

**ZINNIA, ICE CREAM.** The first pure cream Zinnia. Distinctive cactus blooms, up to 5 inches and more in diameter, deep and fully formed. The color is deep enough to be interesting yet delicate enough to be combined with the most vivid reds and blues. Plants 3 to 3½ ft. tall. Pkt., 25c.

**BLAZE ZINNIA.** A combination of brilliant red and scarlet-orange in the Giant Cactus type. Very unique and distinct, the gracefully quilled blooms reach as much as 5 inches across on 30-inch tall plants. Pkt., 25c.

**Vinca Rosea (Periwinkle).** Ornamental free-blooming plants with light green shiny foliage and pink and white flowers. May be taken up in fall and potted and kept in bloom through the winter. Grow 12 to 15 inches high. Mixed. Pkt., 15c.

**Violas (or Tufted Pansies).** Resembling miniature pansies or violets. Do well in sun or shade and flower from early summer until frost. Height, about 6 inches.

**APRICOT.** Beautiful rich apricot shade, center tinged orange. Pkt., 25c.

**LUTEA SPLENDENS.** Bright yellow. Pkt., 25c.

**FINEST MIXED.** Pkt., 25c.

**PAPILIO.** Deep violet. Pkt., 25c.

**WHITE PERFECTION.** One of the finest whites. Pkt., 25c.

**JOHNNY-JUMP-UP.** Their little pansy faces of purple, blue and yellow are delightful. Often reseed themselves. Pkt., 25c.



## PERENNIAL FLOWER SEEDS

**Achillea** (Yarrow). Flowers resemble pompon Chrysanthemums. If seeded early will bloom the first year.

**THE PEARL**. Pure white, double flowers, fine for cutting. 2 feet. June to August. Pkt., 15c.

**Aconitum** (Monkshood). Showy blue spikes of hood shaped flowers. Valuable for planting in shady beds or borders.

**NAPELLUS**. 2½ feet. Blooms July and August. Pkt., 15c.

**Agrostemma** (Coronaria). Stout, erect-growing plants with silver foliage, which contrasts well with the showy bright rosy-crimson flowers produced during June and July. Grows 2 feet high. Pkt., 15c.

**Alyssum Saxatile** (Basket of Gold). Has masses of bright yellow flowers. After the blooming season is over the seed pods may be used in Everlasting bouquets. Grows 8 to 12 inches high. Pkt., 15c.

**Anchusa** Blue, large, Forget-Me-Not-like flowers. Very fine for the back of the perennial border or for a screen. Grows 4 to 5 feet high, blooms in June and July. Pkt., 15c.

**Anthemis** (Hardy Marguerite). Grows about 12 to 15 inches high, bearing Daisy shaped, yellow flowers in July and August. Pkt., 15c.

**Arabis Alpina** (Rock Cress). Plants are spreading, only 12 inches high, with pure white flowers in spring. Pkt., 15c.

**Armeria** A pretty border or rock garden plant. Foliage is grass-like, above its base numerous stiff stems carry little globe-shaped flowers in early summer.

**FORMOSA HYBRIDA ROSE**. 24 inches tall, dwarf bloom. Pkt., 15c.

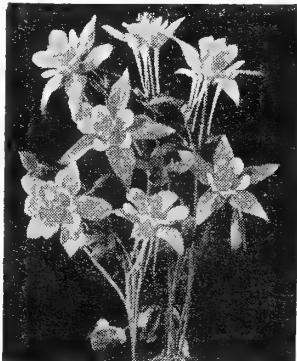
**GIANT DEEP PINK**. Pkt., 25c.

**Aquilegia** (Columbine). Grows from 12 to 30 inches high, bearing through May and June their exquisite blossoms of clear blue, white, rose, lavender, yellow and purple. Do best in partial shade.

**McKANA HYBRIDS**. (New). All America Winner 1955. Large bold, showy flowers with long spurs more widely flared than in any other Aquilegia. Flowers 3 to 4½ in. across with 3 in. spurs. Strong, free blooming plants 20 to 26 in. high. Mixed. Pkt., 35c.

**MRS. SCOTT ELLIOTT'S STRAIN OF LONG SPURRED HYBRIDS**. One of the very finest strains grown. Height, 2½ feet. Mixed colors. Pkt., 25c.

**DOBBIE'S IMPERIAL LONG SPURRED**. A fine strain, flowers in brilliant colors. Height about 2½ feet. Pkt., 25c.



*Aquilegia*

**Asters** Single fall-flowering hardy plants thriving in any good soil, producing masses of brightly colored blossoms. Dwarf varieties bloom in late spring and early summer; tall varieties in late summer and fall.

**AMELLUS HYBRIDS**. New named varieties. Finest mixed. Pkt., 25c.

**ALPINUS, GOLIATH**. Bears large bluish purple flowers in May and June. Plants 6 to 10 inches high. Plant in 6 to 8 inches apart. Pkt., 25c.

**Beilis** (English Daisy). They are semi-hardy and thrive best in a cool, shady place, but do well in almost any soil. Will bloom for years if given winter protection. Height 6 to 8 inches. Mixed colors. Pkt., 15c.

**Hardy Carnation** A large flowered, long stemmed, hardy Carnation of merit. Plants 2 feet. **GRENADIN MIXED**. Pkt., 25c.

**Centaurea** (Bachelor Button). The flower resembles the annual Cornflower. **MONTANA**. Deep blue. Pkt., 15c.

**Campanula** Hardy perennials and biennials bearing a great many attractive bell-shaped flowers, thriving best in light, rich soil. Tall varieties are fine for cutting.

**CANTERBURY BELLS**. Grow about 3 feet high and produce single or double bell-shaped flowers in blue, white, purple and pink. Single or Double Mixed Colors. Pkt., 15c.

**CUP AND SAUCER TYPE**. In this variety the outer petals form a brim, like a saucer. 2 feet, mixed colors. Pkt. 15c

### Coreopsis

About two feet high that produces an abundance of large, Daisy shaped flowers on long stems. One of the best for cut flowers.

**LANCEOLATA**. Single. Pkt., 15c.

**DOUBLE SUNBURST**. The fully double flowers are 1½ to 2 inches

across, deep golden yellow. Bloom early. Pkt., 15c.

**DOUBLE NEW GOLD**. Fine golden yellow. Pkt., 15c.

**Daisy, Shasta, Alaska** A hardy perennial bearing large pure white flowers, in great profusion on long stems, making it fine for cut flowers. Blooms all summer. Height 24 to 30 inches. Pkt., 25c.

**SHASTA, CONQUEROR**. Flowers as large as Alaska. Stems 2-3 ft. Pkt., 25c.

**GIANT DOUBLE WHITE**. Flowers semi-doubles to single, with curled, quilled petals. Height 2-3 ft. Pkt., 25c.

**Delphinium** (Hardy Larkspur). Very decorative plants ranging in colors from various shades of blue to white, pink and scarlet. When plants are 15 inches high, they should be staked to prevent breaking down. As blooms die, cut stems to the ground and you will get a second flower spike in late summer.



*Delphinium Pacific Giants*

**GOLD MEDAL HYBRIDS**. Many are double flowered and range in color from pale lavender to indigo blue. Mixed colors. Height, 3-4 ft. Pkt., 15c.

**CARDINALE**. Long spikes of scarlet flowers. Seed germinates slowly. Grows 2 to 3½ feet high. Pkt., 15c.

**PACIFIC GIANTS**. Plants are about 5 feet tall, flower-spikes are unusually well formed, in lovely pastel shades. Dark blue, dark bee; clear medium blue, white bee; medium blue, dark bee; pure lavender, white bee; dark violet, white bee; lilac, white bee. Clear white and mixed. Pkt., 25c.

**BLACKMORE AND LANGDON TYPE**. In colors from the lightest blue to dark blue. Height, 3 to 5 feet. Choicest mixed. Pkt., 15c.



*Coreopsis Double*

**Dianthus** (Hardy Garden Pinks). These old garden favorites with their Carnation-like flowers and clove scent. Fine for cut flowers, 12 to 18 inches. Mixed colors. Pkt., 25c.

**Dictamnus** (Gas Plant). A bushy perennial about 3 feet high with attractive flower spikes. The plant oils give off a vapor which will ignite if a lighted match is held under a seed cluster on a sultry evening. Mixed. Pkt., 15c.

**Digitalis** (Foxglove). It grows in strong clumps and is one of our very fine hardy biennials. Grows 2-4 ft. Mixed colors. Pkt., 15c.

**SHIRLEY**. Flower spikes 4 feet long of purest white to deepest rose. 5 to 7 ft. Mixed colors. Pkt., 15c.

**Gaillardia** (Blanket Flower). A very free bloomer, bearing large yellow or red Daisy-shaped flowers. Easy to grow, will bloom all summer. Splendid for cut flowers. Do best in rich light soil and sun. Height, 24 to 30 inches.

**GRANDIFLORA**. Mixed. Pkt., 15c.

**THE DAZZLER**. Flowers very large, intense maroon-red and golden-yellow tip on the end of floret. Pkt., 15c.

**MONARCH STRAIN**. Finest mixed. Pkt., 15c.

**GRANDIFLORA GOBLIN**. Dwarf, compact, neat plants reach a height of about 12 to 15 inches. Covered with showy, yellow bordered deep red flowers. Pkt., 15c.

**Geum** Produce plants 2 feet high, bearing beautiful double flowers from June until September. Orange-scarlet, rich golden-yellow, or mixed. Pkt., 15c.

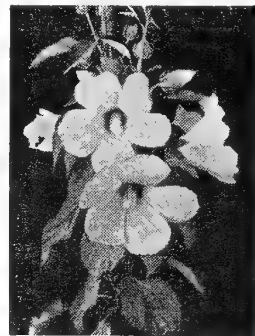
**Gypsophila** (Baby's Breath). These airy plants produce many tiny blossoms on delicate-appearing but sturdy, well-branched stalks. Are fine for cut flower mixtures. May be dried to use in winter bouquets. 2 to 3 feet.

**PANICULATA**. Single white. Pkt., 15c.

**PANICULATA**. Double white. Pkt., 15c.

**REPENS**. (Dwarf Baby Breath). Splendid in rockeries. Mixed colors. Pkt., 15c.

**Heuchera** (Alum Root, Coral Bells). Does well in any garden soil producing dainty sprays of rose carmine flowers on long stems. Plants grow 15 to 20 inches. Pkt., 25c.



*Hibiscus*

### Hibiscus

(Rose Mallow). Showy shrub-like plants, 3 to 5 feet high. Large flowers 3 to 9 inches in diameter are borne from July until fall. Are slow starters in spring. Mixed colors. Pkt., 15c. (See page 22 for roots.)

**Hollyhocks** The colors range from pure white to darkest maroon, some are bright and gay, others of the softest and most delicate shades and tints. The plants grow 5 to 7 feet in height.

**CHATER'S DOUBLE**. Finest mixed. Pkt., 15c.

**SINGLE**. Mixed. Pkt., 15c.

**DOUBLE IMPERATOR**. Large rosette flowers, in charming colors. Pkt., 15c.

**DOUBLE TRIUMPH**. Beautifully fringed rosette flowers in many new shades and bi-colors. Pkt., 15c.

**SINGLE HOLLYHOCKS**. They are usually of freer growth than the doubles and present a very lovely appearance. Mixed. Pkt., 15c.

**Honesty** (See Lunaria).

**Iberis** (Hardy Candytuft). Bloom in spring and early summer. Much used for rockeries and cemeteries. 12 inches high.

**SEMPERVIRENS**. White. Pkt., 15c.

**GIBRALTICA**. White flushed lilac. Pkt., 15c.

**Kudzu Vine** (Jack and the Bean Stalk). A remarkably hardy climber that will grow 8 to 10 feet the first year from seed. When established, it will grow 40 to 60 feet a season. Has Wistaria-like purple blossoms in August. Pkt., 15c.

**Lathyrus** (Hardy Sweet Pea). Showy, free flowering, hardy perennial climber, valuable for covering old stumps, fences, etc., continually in bloom. Good for cut flowers. They require a rich deep soil. Grows 5 to 7 feet tall. Mixed. Pkt., 15c.

**Lavendula Vera** (True Lavender). Delightfully fragrant flowers July and August. Used dry for their lasting perfume. Plants grow 12 to 18 inches high. Pkt., 15c.

**Lilium Regale** (Regal Lily). One of the most beautiful of all known lilies. Flowers are delightfully perfumed, of white, slightly suffused with pink. Blooms in July. Bulblets from spring planted seeds should be lifted and planted deeper in the fall. Height, about 3 feet. Pkt., 25c.

**Lilium Tenuifolium** (Coral Lily). 24 inches high and one of the earliest to bloom. Flowers are deep scarlet and have recurved petals of waxy texture. Pkt., 25c.

**Linum** (Flax). A pretty plant bearing dainty sky-blue flowers on graceful arching stems. Grows 30 inches high. Pkt., 15c.

**Lobelia Cardinale** (Cardinal Flower). Rich fiery cardinal flowers, July to Oct. Likes moist shady location. 2 ft. Pkt., 25c.

**Lunaria** (Honesty or Satin Flower). A curious biennial chiefly grown for its shiny silvery seed pods, which make a useful winter decoration. Grow 18 to 24 inches high. Pkt., 25c.

**Lupine** Forms dense bushes 3 to 4 feet high, elegant spikes with white, rose and blue fragrant flowers from June to September. Mixed colors. Pkt., 15c.

**RUSSELL LUPINES.** This strain has flower spikes 3 feet long, closely set with individual flowers. Extraordinary range of colors. Plants 3½ to 4 feet high. Mixed colors. Pkt., 25c. Lupines should be inoculated with Nitragin. Increases bloom. Garden size 25c, by mail, 30c.

**Lythrum** Bears many spikes of lovely rose-pink flowers. July to Oct. Height 3 to 4 ft. Pkt., 25c.

**Myosotis** (Forget-Me-Not). These dainty little flowers love cool moist soils, and bloom freely in spring and fall.

**ALPESTRIS.** Needs winter protection. Is mostly treated as an annual; bright blue. Plants 8 inches. Pkt., 25c.

**PALUSTRIS.** (Hardy Forget-Me-Not). Dwarf blue plants that bloom from early spring until fall. Fine for rock gardens or edgings. 10 in. Pkt., 25c.

**Oenothera** (Evening Primrose). Are elegant plants for growing in an exposed sunny position. Grow 10 to 12 inches high and bear from June until August, yellow flowers, often 5 inches in diameter. Pkt., 15c.

**Passiflora** (Passion Flower). Highly interesting herbs and shrubs, mostly climbers that legend and superstition have attached to these plants. The flowers are of unusual structure, thought by early discovery to be emblematic of the crucifixion of Christ. Plant in a sunny place outdoors in summer. Blue or White in separate color, or Mixed. Pkt., 25c.

**Pentstemon** (Bearded Tongue). The plants are 2 to 3 feet high, thickly set with flowers, varying in all shades from rosy-white to purple with white or veined throats. Flower from July until frost.

**SENSATION IMPROVED.** Colors vary from pink to scarlet and maroon, beautifully blotched and veined with other colors. Pkt., 25c.

**Phlox** (Hardy Phlox). These beautiful hardy plants are among the most lovely in the garden during late summer and early fall. Phlox require a soil that is deeply enriched and plenty of water during the blooming period. Seed slow and erratic in germinating. Freeze seed before planting. Grow 2 to 3 feet high. Finest mixed. Pkt., 25c.

**Physalis Franchetti** (Chinese Lantern). The flower of this plant turns to a bright red giving it the appearance of a Chinese lantern. The stems should then be cut for drying, and unlike other Everlastings, should be hung up in an upright position to allow the lanterns to hang in their natural position. Grow 15 to 24 inches high. Pkt., 15c.



*Platycodon*

### Platycodon

(Bell-Flower). A member of the Campanula family, with handsome, branching spikes 1 to 2 feet high. Platycodon is considered by many the best bell flower. They bear these large, showy deep-blue flowers continuously from July until frost. Dwarf 16 in. dark blue, and Double blue and white. Pkt. 25c.

**Poppy, Oriental** One of the most gorgeous of all perennials, producing in May and June its enormous blossoms, often 6 inches in diameter. The colors range from soft blush and rose to flaming scarlet and richest maroon. Height 18 to 30 inches. All colors mixed. Pkt., 25c.

### PERENNIAL MIXTURE

As many as 20 different kinds of perennials are included in this splendid mixture. Pkt. 15c.

**Poppy, Iceland** Plants grow 12 to 15 inches high. Will flower entire season if seed pods are kept picked. Pick when in bud for cut flowers. Bloom the first season from spring-planted seed.



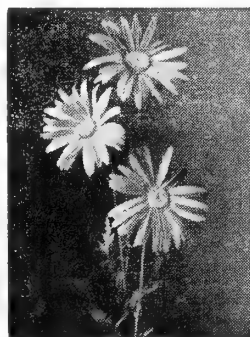
*Gartford Giants*

**GARTFORD GIANT ART SHADES.** Exceptionally fine flowers, beautifully fluted on extremely long heavy stems in a range of pastel shades. Mixed colors. Pkt. 15c.

**PINK CHAMPAGNE.** Crinkled flowers in glowing pink, suffused with gold. Pkt., 25c.

### Pyrethrum

(Painted Daisy). Bears large Daisy-like flowers ranging in color from white to deep red with bright yellow centers; fine for cutting. Blooms in early spring and again in the fall. Plants grow 20 to 30 inches. Single mixed, or single and double. Pkt. 15c.



*Pyrethrum*

### PERENNIAL PLANTS

We carry a complete variety of plants during the spring season. Drop in and see our fine assortment during May and June.

**KELWAY.** Deep scarlet. Pkt. 25c.



*Rudbeckia*

### Rudbeckia

(Cone Flower). This is a hardy, free flowering and easily grown perennial. The Daisy-like flowers are fine for cutting, blooming from July until October.

**PURPUREA.** Rosy purple, 4 feet. Pkt. 15c.

**Rock Garden Mixture** A selection of finest dwarf perennials. Many lovely plants, 6 to 15 inches high. Over 50 choice varieties in this mixture. Pkt. 15c.



*Scabiosa Caucasica*

### Scabiosa Caucasica

Succeeds in any fairly rich soil and sunny location. Plants grow 18 to 24 inches high, blooming from July until frost.

**GIANT HYBRIDS.** (Isaac House Strain). Very large, fringed and ruffled flowers in shades of blue from lavender to dark blue. Pkt. 15c.

**Statice** (Sea Lavender). Produces a mass of tiny blossoms resembling the Baby's Breath, during July and August. These, if cut and dried, last for months.

**LATIFOLIA.** A charming variety of purplish-blue color. Fine for bouquets. 1 foot. Pkt. 15c.

### STARTING EARTH

To start flower seeds indoors, you should have very light soil. See page 33 for special earth, also Vermiculite on page 41.

**Sweet William** (Dianthus Barbat). A beautiful, free-blooming hardy perennial producing a splendid effect in beds and borders with rich and varied flowers. Grow 15 to 20 inches high.

**SINGLE MIXED.** Pkt. 15c.

**DOUBLE MIXED.** Pkt. 15c.

**NEWPORT PINK.** Single. Pkt. 15c.

**DWARF SWEET WILLIAM.** Compact, 6 inches high, flowers in a wide range of colors. Single and Double Mixed. Pkt. 15c.

### Perennials for Rock Gardens

Alyssum Saxatile.	Gypsophila.
Aquilegia.	Helianthemum.
Arabis.	Heuchera.
Armeria.	Myosotis.
Aubrietia.	Nepeta.
Bellis or Daisy.	Oenothera.
Campanula.	Poppy.
Carpatica.	Nudicaule.
Cerastium.	Saponaria.
Geum.	Violas.

**Thalictrum** (Meadow Rue). The charming rose and white flowers and fern-like leaves are produced in graceful sprays during August and Sept. Plants 4 feet. Pkt. 25c.

**Tritoma** (Red Hot Poker). They grow 3 to 4 feet high and bear in August blazing orange-red spikes, blooming until frost.

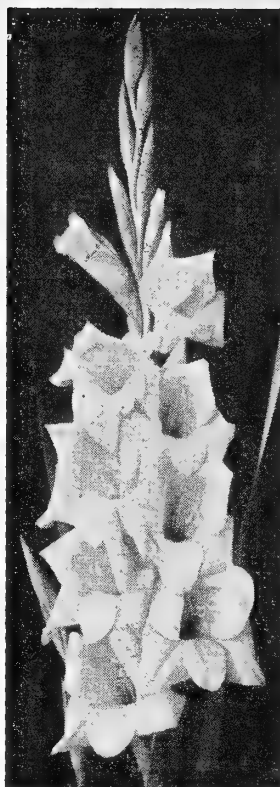
**PFITZERS HYBRIDS.** Pkt., 15c.



# GLADIOLUS

One of the finest and most gorgeous for cut flowers. And glads are easy to grow by following the simple cultural directions.

**CULTURE.** Glads thrive in any well drained soil. Plant 4 to 6 inches deep depending on size of bulb. Plant late April to June 15, at intervals of 7 to 10 days for continuous bloom till frost. For specimen spikes, plant six inches apart in rows where they will have full sun at least three fourths of the day. When planting bulbs, cover with two inches of soil, then as they continue to grow, keep adding earth to ground level, but do not cover sprouts completely. After the fifth leaf appears, give them one inch of water each week, unless rains add this amount. Before ground freezes dig bulbs and cut off yellow tops close to bulb. Place in shallow trays to dry out for about three weeks. Then remove old bulb and roots. Save new bulb and bulblets for next years' planting. Store in shallow trays not over four inches deep, in the coolest part of basement. Dust bulbs with DDT before storing, and again before planting.



King David  
Gladiolus

	Two	Doz.
Aureole, Ruffled light yellow.....	25c	\$1.25
Betty Duncan, Large beautiful salmon color...	25c	1.25
Blue Orchid, Deep blue, dark blotch.....	25c	1.25
Bridal Orchid, Huge, lavender.....	25c	1.25
Burma, large, ruffled, deep rose red.....	25c	1.25
Chamouny, Cerise red silvery edge.....	25c	1.25
Clarence D. Fortnam, Blush pink a winner in shows .....	25c	1.25
Elmer Rose, Deep heavily ruffled rose color...	25c	1.25
Fairy Butterfly, Large pink with yellow throat.	25c	1.25
Florence Nightingale, large, outstanding white.	25c	1.25
Friendship, Gorgeous fresh pink, tall.....	25c	1.25
High Finance, Very tall, chocolate color.....	25c	1.25
High Life, Large tall light blue.....	25c	1.25
Kashmir, Beautiful reddish purple.....	25c	1.25
King David, Gorgeous deep purple, silver border, very tall.....	25c	1.25
Maid of Orleans, milky white, cream throat....	25c	1.25
Mansoor, Bloodred, deep velvety shaded.....	25c	1.25
Margaret Beaton, snow-white, small orange scarlet blotch in throat. Large, tall spike....	25c	1.25
Noweta Rose, Cool lavender rose very tall....	25c	1.25
Palette, Deep scarlet with violet blue throat..	25c	1.25
Patrician, Clear lavender, very tall.....	25c	1.25
Picardy Supreme, Tall Salmon Pink.....	25c	1.25
Pink Dots, White petals tipped with pink.....	25c	1.25
Red Charm, one of the finest reds, tall.....	25c	1.25
Sans Souci, Tall clear scarlet with narrow white line .....	25c	1.25
Spic and Span, tall, rich pink, ruffled.....	25c	1.25
Spotlight, deep yellow, red blotch in throat....	25c	1.25
Stoplight, Beautiful large glistening deep red...	25c	1.25
Sweet Sixteen, Large tall beautiful pink.....	25c	1.25
Zepher, Tall spike, pink blush red throat.....	30c	1.50
Special Mixture, large sized bulbs, Dozen 75c; 100		5.50

## MINIATURE GLADIOLUS

Kewpie, Red silver edged.....	30c	1.50
Faddist, Red star center shading to pink.....	30c	1.50
Fimbriatus, Buff lilac ribs, orchid in appearance .....	30c	1.50
Orange Delight, Large orange in color.....	30c	1.50
White Satin, Face up cream white.....	30c	1.50
Super Special, Pelletier D'Oisy, Chartreuse	Each 20c	2.15
Special Mixtures, 50 for \$3.50, 100 for \$4.50		

When ordering by mail, include postage. 23c for the first dozen and 2c each additional dozen.

# DAHLIAS

The Dahlia is one of the most popular of garden flowers. Its flowers may be used for garden decorations, house decorations, bouquets, florists and exhibition.

**CULTURE.** An open, sunny location seems to favor them at all times. Dahlias can be planted any time after danger of frost is over, but do not plant too early. The Dahlia is a fall flower and if planted too early will commence to bloom in the hottest weather, and either blast in the bud or produce one-sided flowers.

Plant tuber 6 inches deep on its side, having sprout or eye facing upwards; cover with about two inches of soil. When sprouts are 6 inches high add more soil, making it level with surface. Cultivation is the principal requirement of the Dahlia.

## CACTUS TYPE

Each

Laura B., Pink with yellow center.....	50c
Margraten, Large pure white.....	50c
Orfeo, Velvety purple, fading to deep red.....	50c
Pride of Holland, Deep rose pink.....	50c
Tornado, Large orange red.....	50c
The Cardinal, Bright cardinal red.....	50c

## DECORATIVE TYPE.

Each

Carl D. Dahl, Autumn shades, Amber with gold,.....	45c
Commando, F. D. Large lavender.....	35c
Delwood's Glorious, Deep pink.....	50c
Exquisite, Large white with lavender blend.....	45c
Son of Satan, Large bright scarlet.....	45c
The Commodore, Giant Yellow.....	35c
Boxed Dahlias—Decorative type, Six colors in a box.	\$2.00

## POMPON TYPE

Annabelle, Clear pink.....	35c
Edith Mueller, Gold and orange.....	35c
Ike, Blood red profuse bloomer.....	35c
Joe Fette, Pure white.....	35c
Morning Mist, White overlaid with lavender.....	35c
Red Head, Orange scarlet.....	35c
Sylvia, Fine scarlet red.....	35c
Yellow Gem, Clear canary yellow.....	35c
Boxed Dahlias—Pompon type, 6 Different colors in box.....	1.75

Postage extra on mail orders of bulbs.

# CANNAS

Cannas make the best showing when planted in beds by themselves. The soil should be well fertilized and worked up thoroughly to a depth of 10 to 12 inches. The bulbs can be set about 12 inches apart and about 4 to 6 inches deep. Mulchings with lawn cuttings will help retain the moisture. Start bulbs in pots indoors in March or April. Do not set out until all danger of frost is over; about June 1st here in the Northwest.

**CANNA PRICES, on varieties listed:** Each, 20c; dozen, \$2.00; postpaid, \$2.35.

We will have pot-grown Canna plants in green or bronze leaf and red flowers only, in late May at 50c each, or \$5.00 a dozen.

**City of Portland.** A deep pink which does not fade during the hot weather. Foliage green. A fast grower and heavy bloomer. 5 feet.

**Firebird.** A deep red bloomer. Firm glistening petals, do not wilt in the brightest sun. 4 ft. Green foliage.

**Richard Wallace.** Bright golden yellow flowers, green foliage, free blooming. Grows 4 feet high.

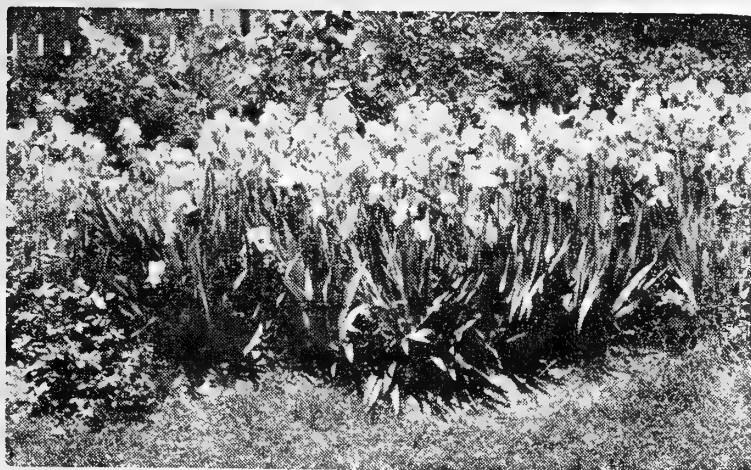
**Red King Humbert.** Scarlet flowers and bronze leaves. A remarkable Canna. Incomparably beautiful. 4 feet high.

**The President.** A rich, glowing scarlet, and immense flowers, produced on erect stalks well above the green foliage. Grows 4 feet high.

**Wyoming.** Purple foliage. True orchid flowering variety with magnificent orange colored flowers. Bronze foliage. 5 ft.

**Yellow King Humbert.** Foliage is a very dark green, flowers a deep rich yellow, softly spotted and blotched with bright red. Grows 4 feet high.

# IRIS



**Iris Is a Grand Early Season Bloomer**

Iris should be planted in a sunny location and may be planted in groups or singly. Bearded varieties in general prefer an alkaline rather than an acid soil. The Iris should be planted in a well-drained location as too much moisture, especially in hot weather, may cause the roots to decay. The best time for planting is in the summer months of July and August.

We are offering the following select list of popular Iris. Orders will be accepted for July or August delivery. We can also supply almost any variety of Iris.

**Applique.** A white plicata with bright rose markings. Lightly ruffled blooms on strong stalks. Each, \$1.00.

**Apricot Glory, NEW.** Smoothly finished Apricot pink of heavy substance. Each, \$2.50.

**Argus Pheasant.** Outstanding golden, copper brown. 1952 Dykes Winner. Each, \$1.50.

**Ballarina.** Flamingo pink, very large. Each, \$2.00.

**Black Forest.** Rich gleaming black. Each, \$1.00.

**Black Ruby.** Smooth glossy red. Each, \$1.00.

**Blue Rhythm.** Very fine medium blue with a silvery finish. A Medal Winner for 1950. Each, 75c.

**Blue Sapphire.** A new light blue, large ruffled flowers on tall stems. Each, \$3.00.

**Cloud Cap.** Large flamingo pink. Each, \$2.50.

**Copper Medallion.** Brilliant metallic copper. Each, \$2.00.

**Cordolon.** Exquisite large silky rose blend. Excellent show Iris. Each, \$3.00.

**Cream Symphony.** Smooth finished cream, strong stalk. Each, 75c.

**Flare.** Brilliant, orange yellow standards, with rich red brown falls, shiny lustre, outstanding. Each, 75c.

**Gold Sovereign.** Extremely vivid gold yellow. Each, \$1.00.

**Golden Russett.** Enormous flowers of light golden russet brown. Each, \$1.00.

**Gypsy Trim.** Bright rose red markings on white background. Each, \$1.00.

**Helen McGregor.** Outstanding light blue, beautifully ruffled. Each, \$1.00.

**Heritage.** Bright shell pink early bloomer. Each, \$1.00.

**Lady Roscaven.** One of the best pure white, with perfect bloom. Each, 75c.

**Lady Mohr.** Oyster standards, falls greenish yellow, veining dark patch of red violet. Each, 75c.

**Morning Melody.** Scented orchid lavender. Each, \$1.00.

**New Snow.** One of the finest white Iris. Each, \$1.00.

**Orelia.** Lively rich red, a favorite in this color. Each, \$1.00.

**Pacemaker.** One of the best reds. Smooth and velvety, tall and sturdy stem with four or more branches to the stem. Each, \$1.50.

**Pathfinder.** Very full wide flowers of mallow pink. Each, \$1.25.

**Pink Bountiful.** Very large smooth satiny orchid pink. Each, \$1.00.

**Pink Cameo.** An exquisite pure pink. Outstanding for purity of tone and softness of color. Each, \$1.00.

**Pink Formal.** Large ruffled rich pink. Each, \$1.50.

**Pink Sensation.** New large pure light pink. Each, \$1.50.

**Pinnacle.** Clear white standards, light yellow falls. Blooms are wax like and beautifully moulded. Each, \$1.50.

**Rainbow Room.** Lovely blend of almost all the tints of the rainbow. Each, \$1.00.

**Sable.** Wonderful shade of richest deep black-violet with a claret tone. Blue beard. Each, 60c.

**Sunray.** Extremely ruffled large light yellow on strong stalks. Each, \$1.00.

**Velvet Dusk.** Dark blue-black on tall stems. Each, \$1.00.

**Winter Carnival.** Outstanding, tall, pure snow white in color, gold throat. Each, 75c.

**Zantha.** A gorgeous golden yellow, large flowers. Each, \$1.00.

On Mail Orders, add 23c for one Iris, and 2c for each additional root.

## PEONY AND IRIS BLOOM DISPLAY

During the Spring flowering period, we will have blossoms of some of the finest of both iris and peony varieties, on display in our store. Watch papers for announcement.

## PEONIES

The ideal flower for the great Northwest since it endures the most intense cold without injury. The Peony is one of the most easily grown, and showiest of the perennial flowering plants. Conditions of the soil, location and cultivation are important factors in growing Peonies.

Conditions of the soil, location and cultivation are important factors in growing Peonies. Peonies may be planted in the spring during the month of April and the early part of May, or in September. Work the soil thoroughly to a depth of 8 or 10 inches, applying at the same time a generous amount of bone meal fertilizer, mixed well into the soil. Plant root in this prepared soil so that the crown will be about 1 inch below the surface. Press the soil firmly around the roots.

Peonies should not be planted any closer than 3 feet apart and should not be close to trees as the roots of the trees take from the soil the nourishing elements that are needed by the Peonies. Plant in a sunny location.



**Peonies—As Beautiful as the Rose—Hardy**

## SPECIAL PEONY OFFER

A 10% discount given on the purchase of any three of the very select high rating peonies listed on this page.

The following selected varieties we offer for spring or September delivery. Large 3 to 5 eye divisions. Add 30c for postage on mail orders.

### Reds

**Karl Rosenfield.** 8.8 A very brilliant and striking variety of dark crimson. Globular, compact, semi-rose type, and very large. A splendid keeper as cut flower. Blooms midseason. ....\$1.50

**Mary Brand.** 8.7 A wonderful crimson variety with a silky brightness. Flowers are very large, semi-rose, and with golden stamens scattered through the center of fringed petals. Flowers midseason.....\$1.50

### White

**Festiva Maxima.** 9.3. An early true rose-type of purest white, edge of inner petals flecked crimson. The large blooms are lovely in the garden or for cut flower use. Outstanding in every way.....\$1.50

**Baroness Schroeder.** 9.0. One of the finest white peonies. Opens delicate blush, changing to milky white. Blooms late .....\$1.50

### Pink

**Martha Bulloch.** 9.1. Bright old-rose-pink; center of lighter rose and pink. Immense flower blooms. Late bloomer. Each .....\$1.50

**Mons. Jules Elie.** 9.2 Immense, globular, glossy flesh pink, shading to deeper rose at base, silver reflex enveloping the whole bloom. A beautiful peony that flowers early, keeps long.....\$1.50

**Walter Flaxon.** 9.3 A vivid salmon-pink, deepening towards center. Delicate and distinct color. Medium size, globular semi-rose type. Blooms mid-season. Extra fine. ....\$1.50



# Flowering Bulbs

Include postage on mail orders.

**AMARYLLIS.** A fine strain that should produce a beautiful blossom in about 6 to 8 weeks after planting indoors. Use a fibrous soil when potting. Leave about two inches of bulb above soil when potting. In the garden they should not be set out earlier than May here in the Northwest and should bloom in late June or July. Take up in the fall and store in sand or vermiculite. Mixed colors only, each, 60c; 3 for \$1.60.

**ANEMONE.** Windflower. Thrive best in a rich sandy loam, but will do well in most any well drained garden soil. Plant bulbs 6 to 7 inches apart, 2 inches deep, laid flat with growing knob upwards. Soak tubers before planting. After flowering and leaves have dried off, lift tubers and store in dry sand.

**De Caen.** Large single flowers in a wide range of colors. Each, 8c; 5 for 35c; doz., 65c.

**St. Brigid.** Semi-double and double in a mixture of bright colors. Each, 8c; 5 for 35c; doz., 65c.

**AURATUM LILY.** The Gold-banded Lily. Flowers white, thickly studded crimson maroon with a wide gold band down the center of each petal. Grows 4-5 ft. high. Plant 9 in. deep. Large size 60c each; extra large, 75c

**BEGONIA. Tuberous Rooted.** This is perhaps the most beautiful and best plant to grow in shady places. They come in a marvelous range of colors, white, yellow, pink, salmon, red, orange, etc. Tuberous Begonias also make fine house plants. Soil must be light and the greater part composed of sand, leaf mold and peat. Do not water too much in starting bulbs. For outdoor planting do not set out until all danger of frost is over. Plant 1 ft. apart. Cultural leaflet on request.

**Double Camelia Flowered.** Without doubt is the most gorgeous tuberous rooted Begonia variety. Have all colors mentioned above. Each, 30c; 4 for \$1.00; doz., \$2.75.

**Double Carnation Flowered.** A lovely begonia, flowers resembling the carnation, very attractive, with frilled petals, fringed at the edges. Separate colors as above. Each, 35c; 3 for \$1.00; doz., \$3.50; postpaid, \$3.75.

**CALLA.** Bulbs for indoor winter or spring blooming or planted outdoors after danger of frost is over. Take up in the Fall before freezing. Baby white, yellow, pink, 35c each; large Ivory, 40c each.

**FANCY-LEAVED CALADIUM.** These bulbs are suitable for pot culture, window boxes and in partially shaded borders. Form leaves of almost unbelievable colors: red and green, green with spots and red veins, etc. Each, 50c.

**GLOXINIAS.** These beautiful colored flowers are easily grown. Their gorgeous velvety flowers bloom for months. For potting, place one bulb to a 5 inch pot, in rich sandy loam. Cover bulb about one inch. Is more for indoor and porch plants. Does not do well in the garden. Colors, red, dark blue, white, violet. Each, 50c; 3 for \$1.35.

**HIBISCUS** (Mallow). This is one of our most beautiful perennial plants in the garden. It starts slow in spring, but produces hollyhock-like flowers from mid-summer until fall. Likes rich, moist, well drained soil. Plant in a sunny location. In red, pink or white. Grow 3 to 5 feet high. Roots, each, 40c; 3 for \$1.05; by mail, \$1.30.

**ISMENE CALATHINA** (Peruvian Daffodil). A grand summer flowering bulb, producing with great freedom large Amaryllis-like, pure-white, fragrant blossoms. Exceptional for cut flowers. Each, 50c.

**MONTBRETIAS.** Bulbs make lovely cut flowers on spikes like miniature gladioli. Treat same as gladioli, plant 3 inches deep and about 4 inches apart. Colors are scarlet, orange, yellow and salmon. Mixed only. Each, 12c; doz., \$1.25.

**OXALIS.** Small plants about a foot high, for rock gardens, bedding or pot plants. Flowers mostly in pastel colors. Likes an acid soil. Bulbs, each, 5c; doz., 50c.

**RANUNCULUS.** Soak bulbs in water a few hours before planting. Set 3 to 4 inches apart, press firmly into soil, claws downward. Cover with sand, then with soil. Keep crown of tubers 2 inches below surface. Liberal supply of water with good drainage is necessary. Plant where a little shade is available. Top size each, 12c; doz., \$1.25.

**REGAL LILY.** One of the hardiest and most beautiful lilies grown. The white flower carries pink coloring on outer side with golden yellow shading of the throat. Will bear as many as 18 to 20 blooms a season. Plant 9 inches deep in a sunny, well drained soil. Each, 60c; doz., \$6.00.

**RUBRUM LILY.** White shaded and spotted with rose and black. Flowers in August. One of the most beautiful of all lilies. Plant 9 inches deep. Each, 65c; extra large size, 75c each.

**TENUIFOLIUM** (Coral Lily). A charming early flowering deep scarlet lily with strong recurved petals of waxy texture. Does best in a cool, damp, loamy soil and partial shade. Plant 5 inches deep. Stems grow 1½ to 3 ft. high. Fine plants for rock garden. Each, 25c; 3 for 65c; doz., \$2.50.

**TIGRIDIA.** Mexican bulbs producing showy, large oddly-shaped blooms of gorgeous beauty, in red, orange, yellow, etc. Grow 18 inches high, flowering all summer long. Handle the same as Gladiolus. Plant 2 to 3 inches deep. Mixed. Each, 15c; doz., \$1.50.

**TIGRINUM SPLENDENS** (Single Tiger Lily). The large flowers are a rich salmon-orange spotted deep mahogany. Blooms in Aug. and Sept. 5 ft. tall. Plant 5 in. deep. Each, 50c; 3 for \$1.35.

**TIGRINUM SPLENDENS** (Double Tiger Lily). This is about the only double Lily in existence. Color same as single. Blooms Sept. 3 to 5 ft. high. Plant 5 in. deep. Each, 35c; 3 for \$1.00.

**TUBEROSES** (Dwarf Double Pearl). Pure white. One of the most delightfully fragrant and beautiful of the summer-flowering bulbs. Plant as soon as the ground becomes warm. Plant 2 inches deep. Each, 20c; 2 for 35c; doz., \$1.75.

## Tulips and Other Bulbs for Fall Planting

During September and October we offer genuine Holland Tulip, Hyacinth, Daffodil, Jonquil, Crocus, Snowdrops, Grape Hyacinth, Lilies, Dutch Iris and other bulbs. Please write or call for special list.

## Books

### Make Fine Gifts for Lasting Remembrance

**Tuberous Begonias**, by Worth Brown. Here, for amateur or specialist, is a complete guide to successful cultivation of one of the most colorful of flowering plants. Covers propagation, culture outdoors or as house plants, pests and diseases, lathhouses, etc. Price, \$2.75; postpaid, \$2.95.

**The African Violet**, by Helen Van Pelt Wilson. Tells how to keep America's No. 1 house plant blooming. Covers location, watering, soil, bug control, propagation, etc. 26 illus. Price, \$2.95; \$3.15 postpaid.

**Lawns**, by John D. Bernard. Basic principles and special secrets to show the way to grow the lush green turf a greenskeeper would envy. \$1.65, postpaid.

**Vegetables**, by Jack M. Swartout. Everything you need to know to convert any size patch of ground into a flourishing garden. \$1.65, postpaid.

**Evergreens**, by L. L. Kumlien. An experienced nurseryman tells how to select, plant, care for, combine and arrange all evergreens. \$1.65, postpaid.

**Small Fruits**, by Ralph E. Barker. Strawberries, grapes, currants, blackberries, etc., detailed instructions for planting and culture in this book. \$1.65, postpaid.

**Annuals**, by Ann Roe Robbins. One of the most successful gardeners reveals her prize-winning methods to yield bloom all season. \$1.65, postpaid.

**Garden Flowers in Color**, by Daniel J. Foley. This book has 350 Garden Flowers in full colored illustrations. A special section tells about soils, fertilizers and various cultural practices, with sketches of many garden operations. A guide for the beginner and a reference book for the advanced gardener. Price, \$3.95; postpaid, \$4.10.

**New Garden Encyclopedia.** Written by a picked staff of American Garden Authorities. 1,380 pages, profusely illustrated, giving you complete information on every thing you need to know about anything you want to grow. 10,000 articles furnish every detail of information you will need about planning, planting, fertilizing and care of your garden. Price, \$5.95; postpaid, \$6.30.

**Better Homes & Garden—Garden Book.** 480 pages on gardening, supplemented with 1,091 pictures and diagrams. Price, \$3.95; postpaid, \$4.15.

**How to Grow Roses**, by J. Horace McFarland and Robert Pyle. Here is a book by these rose experts which has become a standby for amateur and experienced rose growers. Answers all questions about soil preparations, fertilization, summer and winter protection, etc. 192 pages. Price, \$2.95; postpaid, \$3.10.

**How to Grow Beautiful House Plants.** By Thomas H. Everett, Horticulturist, New York Botanical Garden. A down-to-earth guide for growing house plants. Covers transplanting, cuttings, top dressing, bugs and diseases and all there is to know on care and culture of house plants. 144 pages. Profusely illustrated. Price, \$2.00; postpaid, \$2.25.

**The Gardener's Reference Guide.** By the Master Gardener. This 121-page book gives scientific help in all phases of gardening; lawn care, hedge, shrubs, trees, fruit trees, small fruits and hundreds of gardening problems are answered. A dandy book for only 50c; postpaid, 60c.

**Finches, Their Care and Breeding.** A 100 page book that explains in detail how to care for and breed these charming birds. \$1.50, postpaid.

**Parakeets and Love Birds.** Gives full information on how to feed, care for and on breeding for pleasure or profit. \$1.50, postpaid.

**Canaries, Their Care and Breeding.** Tells how to keep your singer in good health and the secrets of breeding. \$1.50, postpaid.

# ROSES

See inside back cover page for Roses in color. Secure and plant Roses in April or early May for best results.

**GRANDIFLORA.** A new class of free blooming roses. Grow more upright and taller than Teas, but form roses usually in groups, on strong stems. Blooms smaller than Teas, but similar in form.

**HYBRID TEAS.** Large blooms borne continually from early June until heavy frost in the Fall, in our upper mid-west area.

**FLORIBUNDA.** Hardier than hybrid teas and more resistant to disease, they are more free and persistent bloomers, many of the varieties are never without bloom throughout the season. Flowers come usually in clusters of large individual roses. Ideal for garden display and excellent for cutting.

## Everblooming Hybrid Tea and Grandiflora Roses Red Shades

**CHARLOTTE ARMSTRONG** (Pat. No. 455). The long, slender, long-stemmed buds and the magnificent, colored open flowers are red in cool weather, cerise in hot weather. A grand rose. Each, \$2.00.

**CHRYSLER IMPERIAL.** (Pat. No. 1167.) The only All-America award for a hybrid tea rose for 1953. An outstanding rose of glowing crimson with breath-taking beauty on medium length stems. The blooms of abundant fragrance hold their fine form even in adverse weather conditions. Each, \$2.75.

**CRIMSON GLORY.** Experts agree it is the best red rose grown. Its vivid crimson shaded flowers are mellowed by a soft velvet nap. Each, \$1.75.

### Rose Special

A 10% discount allowed on 3 to 11 roses purchased.  
A 15% discount allowed on 12 or more roses purchased.  
Please add postage on mail orders; 30c for 1st rose, 3c for each additional rose.

**MIRANDY.** (Plant Pat. 632). Large long pointed red buds; very double, continuous bloomer. Each, \$2.00.

**NEW YORKER.** (Plant Pat. No. 823). Brilliant, extra large, fragrant, long lasting red flowers. Foliage disease resistant. Blooms all summer. Each, \$2.00.

**NOCTURNE.** (Pat. No. 713). Color a bright cardinal red with dark shadings of crimson. Pleasantly fragrant and long-lasting flowers. Price, \$2.00.

**PRESIDENT EISENHOWER.** (Pat. No. 1217). Large, rich, unfading, rose-red flowers on strong stems. (See inside rear cover) Each, \$2.50.

**ROSE OF FREEDOM** (Pat. No. 791). A new long stemmed fragrant currant red rose. Blooms freely on an upright bush and disease resistant foliage. Each, \$1.75.

**RUBAIYAT.** Received 1947 A.A.R.S. award. Bright red, long pointed buds; continuous bloomer. Each, \$1.75.

## Two Tone Shades

**COUNTESS VANDAL.** (Pat. No. 38). Lovely color combination of pink, copper, gold and salmon. Each, \$1.75.

**MOJAVE.** (Plant Pat. No. 1176). New, 1954 A.A.R.S. winner. A Charlotte Armstrong cross, retaining many of the finest plant characteristics of its parent. Color of slender buds is a blend of salmon, apricot and orange; salmon changing to red occasionally in cool weather. Each, \$3.00.

## Pink Shades

**CAPISTRANO.** (Pat. No. 992). Large deep rose-pink flowers on extra long, strong stems, having a lasting rich fragrance. Each, \$2.25.

**HELEN TRAUBEL.** (Pat. No. 1028). A 1952 All-America lovely rose of long pointed buds and exquisite open fragrant flowers of peach to apricot color. A vigorous grower. Each, \$2.75.

**LOVE SONG.** (Pat. No. 1360) First American bred offspring of Peace. Sturdy, well foliaged plants of radiant rich, salmon-pink, with brilliant yellow on the lower third of petals; edged coppery rose. (See back inside cover page) Each, \$2.50.

**PICTURE.** A lovely rose of velvety pink with an undertone of salmon. Plant very vigorous. Each, \$1.60.

### Please Note

Roses after leaving our premises are beyond our control and we cannot guarantee them to grow. If, however, we are notified before July 1st, that any such stock purchased from us at the regular catalog price during the month of April or May of this year did not grow, we will replace same next spring at one-half the original cost. This does not apply to Roses purchased below quoted prices.

**QUEEN ELIZABETH.** (Plant Pat. No. 1259). All-America award for 1955. The first grandiflora rose. Pure pink flowers borne singly and in clusters on long, almost thornless stems, set on glossy deep foliage. (See rear inside cover page). Each, \$3.00.

**TALLYHO.** (Pat. No. 828). A new beautiful rose from a cross of Charlotte Armstrong. Color on inside a delightful shade of pink, outside petals red. Flowers long-stemmed and spicy fragrance. Each, \$2.00.

**THE DOCTOR.** Beautiful buds open to large, semi-double, fragrant, cupped flowers of satiny-pink. A vigorous plant. Each, \$1.75.

**TIFFANY.** (Pat. applied for). A.A.R.S. award for 1955. The long pointed buds are deep pink with golden yellow shading at base of petals. Flowers have long lasting qualities, produced on long stems. Has fine fragrance. Each, \$3.00.

## White Shades

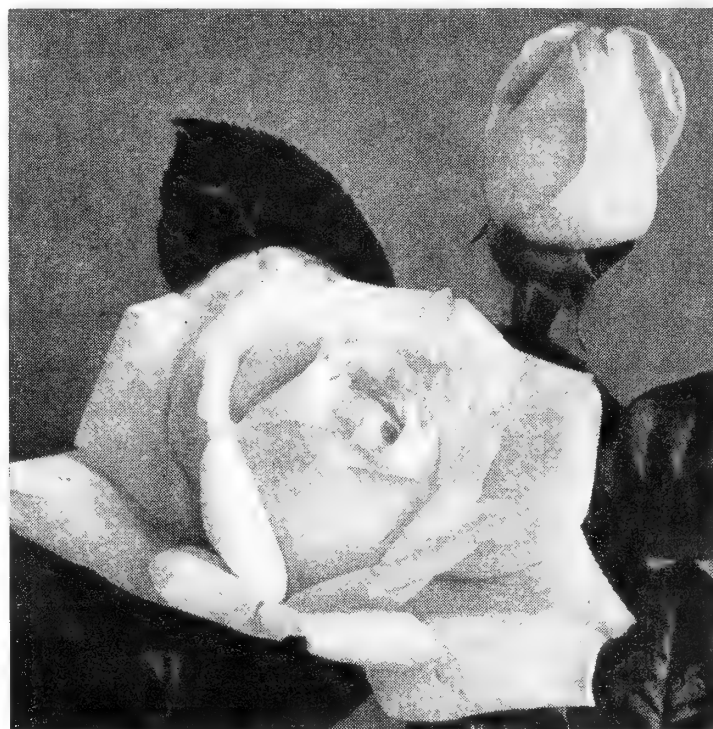
**FRAU KARL DRUSCHKI.** Very large pure white of perfect form, excellent texture and keeping qualities. Considered the best white. This is a Hybrid Perpetual and blooms in June and again in late Summer or early Fall. Each, \$1.60.

**K. A. VIKTORIA.** Creamy-white blooms tinted in center with lemon. Very fragrant and beautifully formed flowers on long graceful stems. Each, \$1.60.

**REX ANDERSON.** (Pat. No. 335). An outstanding rose of delicate, lovely ivory-white, fully double. Each, \$1.75.

**SLEIGH BELLS.** (Pat. No. 1004) A white blooming rose, producing large flowers on long stems, with fine foliage. Each, \$2.00.

**WHITE SWAN.** (Pat. No. 1115) Long-pointed graceful buds of soft white, opening to pure white. Price, \$2.25.



Peace—the Finest of All Roses.

## Yellow Shades

**BUCCANEER.** (Pat. No. 1119) A new Grandiflora rose for 1953, the brightest yellow rose yet. Buds especially lovely and long lasting with moderate fragrance. Plant very vigorous. Each, \$2.75.

**DIAMOND JUBILEE** (Pat. No. 824). A 1948 A.A.R.S. award. Flowers of glowing buff-orange with a touch of orange-yellow at base of petals. Each, \$2.00.

**GOLDEN MASTERPIECE.** (Pat. No. 1284) A sensational new rose of large, fragrant flowers of golden-yellow and glossy foliage on strong plants. Each, \$2.75.

**LOWELL THOMAS.** Large, long-pointed flowers, very double, long lasting, clear canary-yellow blooms on strong stems. Each, \$2.00.

**MCGREDY'S YELLOW.** Bright buttercup yellow with perfect form. Fragrant. Each, \$1.60.

**PEACE.** (Pat. No. 591). 1947 All-America Selection and one of the few new roses that can justify the term "sensational." Large, golden buds, daintily edged with vivid rose, open slowly to magnificently large blooms. The shades of color vary but are always fresh and beautiful even in the fully opened flower, which lasts for days. The plant is as remarkable as the bloom. Each, \$2.50.

**SUTTER'S GOLD.** (Pat. No. 885). An All-America award for 1950. The fragrant bright yellow buds are richly shaded with orange and red. Price, \$2.25.



## Brownell Everblooming Roses

**CURLY PINK.** Here is a new favorite that you are sure to class among your very best and most beautiful. Its deep lustrous two-toned pink color of 50 petals recur in ideal Hybrid Tea size and form. Each, \$1.85.

**DICK WILCOX.** This had to be good to be named after this well known rosarian. Color a deep red of large double blooms. Each, \$1.85.

**LILY PONS.** White with pure yellow center, large graceful flowers, vigorous, free bloomer. Often a feature of gardens in the cold Northwest. Each, \$1.85.

**NEARLY WILD.** Larger than most wild Roses, single flowers in clusters, very colorful and supreme in constancy of bloom. Gives beautiful color all summer. Each, \$1.85.

**PINK PRINCESS.** Bud-red, flowers deep pink, famous as the first Hybrid Tea free from premature defoliation, very double. Each, \$1.85.

**QUEEN O' THE LAKES.** Named for the Queen of Minnesota's Aquatic Sports. Color a charming crimson. The queen of all the double reds. Each, \$1.85.

## Shrub Roses

Perfectly hardy and need no winter protection. Can be planted in shrubbery borders, separate beds, groups, or as individual specimens. The Grootendorsts are the only really hardy everblooming roses.

**HANSA RUGOSA.** A showy hybrid with abundant large, reddish violet flowers. Each, \$1.60.

**HARRISON'S YELLOW** (Austrian Brier.) A big bushy shrub, producing quantities of medium sized, semi-double, light yellow flowers in early summer. One of the best hardy yellow roses. Each, \$1.75.

**RED GROOTENDORST.** The bright red double flowers are freely and continuously produced in large clusters from early June until late fall. It is one of the most suitable plants for shrubbery and specimen plantings. Needs no winter protection. Each, \$1.60.

**PINK F. J. GROOTENDORST.** Identical with the red variety except color, a charming clear pink. Each, \$1.60.

**SIR THOMAS LIPTON.** The snowy white double flowers bloom through the summer and fall. Each, \$1.75.

## Climbing Roses

**BLAZE.** A vigorous climber, similar to Paul's Scarlet, but its crimson flowers bloom on and off all summer. Each, \$1.60.

**CLIMBING AMERICAN BEAUTY.** Rosy crimson flowers 3-4 inches across, produced freely in June and occasionally till frost. Very fragrant. Each, \$1.60.

**CLIMBING PEACE.** (Plant Pat. No. 932). Flowers identical to those of the bush Peace rose. Give good winter protection. Each, \$2.50.

**GOLDEN SHOWERS.** (Pat. applied for) A 1957 A.A.R.S. award winner. This everblooming climbing rose is the first that actually blooms from early Spring through late Fall. Has 3½ to 4 inch yellow open blooms. (See inside back cover page) Price, \$3.00.

**NEW DAWN.** The best everblooming rose ever produced. Has masses of pale pink fragrant blooms like tea roses on long cutting stems from June until heavy frost in the fall. Each, \$1.60.

**PAUL'S SCARLET CLIMBER.** Intense scarlet roses of excellent shape, borne in clusters. Flowers are of large size and similar to tea roses. Each, \$1.60.

**WHITE DAWN.** A pure white climbing everblooming rose, producing hundreds of double blooms. Flowers first year. Each, \$1.75.

## HARDY WATER LILIES

Water Lilies are one of the easiest plants to grow and no flower is as fascinating and lovely. Planting instructions with each order.

**Attraction.** A Garnet-Red Lily with Ruby shading of outstanding blooms. One of the finest reds. Each.....\$2.75

**Marliacea Albida.** Pure white blooms of large size with yellow stamens. Are quite fragrant. A splendid variety. Each.....\$2.50

**Marliacea Chromatella, Yellow.** The most popular of all water lilies. Blooms are sulphur yellow and start blooming early. Each, \$3.25

**Special Water Lily Fertilizer.** We have a special mixture, best suited to make an abundance of strong, vigorous flowers. Water Lilies are heavy feeders and blooms will have deeper color and bloom longer when well fertilized. 2 lbs., 35c; 4 lbs., 60c.

## Floribunda Everblooming Roses

Please Add Postage to Mail Orders—30c for First Rose, 3c for Each Additional Rosebush.

These roses are hardier than hybrid teas and more resistant to disease, they are more free and persistent bloomers, many of the varieties are never without bloom throughout the season. Flowers come usually in clusters. Ideal for garden display and excellent for cutting.

**BABY BLAZE.** (Pat. 1362) A new variety with dark red buds, opening to a rich velvety cherry-red, slightly lighter when fully open. Each, \$2.00.

**CIRCUS.** (Pat. No. 1382) (See Rear Inside Cover). A new multicolor, the only 1956 winner. Predominant color is yellow with tight buds richly marked with red, following with an ever changing succession of delightful shades, finishing bright scarlet. Height about 2 ft. Fragrant flowers borne in clusters. Fine for cutting. Each, \$2.50.

**FASHION.** (Pat. No. 789). Brilliant coral flowers overlaid with gold in large clusters and singly. Bloom all season. A.A.R.S. award for 1950. Each, \$2.00.

**FLORADORA.** Has scarlet and geranium red, double petaled flowers. Plant grows 2½ feet high. Each, \$1.60.

**INDEPENDENCE.** (Pat. No. 1036) Large brilliant fire-cracker red, glossy foliage. A sturdy compact grower. \$1.75.

**JIMINY CRICKET.** (Pat. applied for). A.A.R.S. award for 1955. A new Floribunda, opening coral-orange, turning to pink-coral. Fragrant buds, growth vigorous and upright. Each, \$2.50.

**MA PERKINS.** (Pat. No. 1143) This new 1953 A.A.R.S. award winner in the floribunda class has an abundance of fragrant, deep salmon-pink colored blooms on bushy, well foliated plants. Grow 2½ to 3 feet high. Each, \$2.25.

**NEARLY WILD.** (Brownell). Larger than most wild roses, single flowers in clusters, very colorful and supreme in constancy of bloom. Gives beautiful color all summer. Each, \$1.85.

**PINOCCHIO.** The large clusters of lovely flowers are produced in great profusion throughout the season. The individual buds form perfect miniature roses. Excellent for cutting. Bushes 2 to 3 feet high.

**Pink.** (Pat. No. 484) Produces an abundance of pointed buds of salmon-flushed gold, opening to miniature hybrid-tea like roses of soft clear pink, in clusters. Each, \$1.60.

**Red.** (Pat. No. 812) Have masses of 3½ inch flowers in unfading clusters. The rich carmine blooms deepen as they open. Have a wild rose fragrance. Each, \$1.60.

**White.** (Pat. No. 1010) A new outstanding Pinocchio with semi-double flowers of pure white with yellow stamens. Flowers are large, 2 to 2½ inches. Each, \$1.60.

**SPARTAN.** (Pat. No. 1357) Vigorous, of medium height with large double blooms of orange-red. Price, \$2.75.

**YELLOW.** (Pat. No. 992) A sturdy bush, about three feet tall, producing great masses of bloom in an apricot-yellow color, a lovely sight. Each, \$1.60.

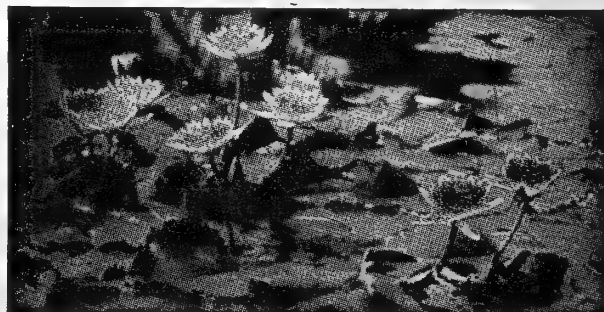
**VALENTINE.** (Pat. No. 1029). Plant nearly always covered with flowers of brilliant red. Each, \$1.75.

**VOGUE.** (Pat. No. 926). A fine All-America for 1952. Flowers are a rich brick-red color. Each, \$2.25.

**WHITE BOUQUET.** (Pat. No. 1415) A 1957 A.A.R.S. award winner. Has lovely white gardenia-like blooms of spicy fragrance. (See inside back cover page) Price, \$2.50.

**WORLD'S FAIR.** (Pat. No. 362). Produces large clusters of fragrant, velvety blackish-scarlet blooms with glowing mass of golden stamens. Each, \$1.60.

ADD 50c ON MAIL ORDERS



# FERTILIZERS

FERTILIZER ANALYSIS: First number indicates Nitrogen;  
2nd, Phosphoric Acid; 3rd, Potash.

	5 lbs.	10 lbs.	25 lbs.	50 lbs.	100 lbs.	500 lbs.	1 ton
Gould's Organic, 10-6-4	\$0.95	\$1.50	\$2.50	\$4.95	\$9.75	\$48.00	190.00
Vigoro, 6-10-4	.60	1.00	1.75	2.65	5.25	26.25	102.50
Vigoro, Golden, 6-10-4	..	..	2.60	3.95	....	....	....
Vertagreen, 5-10-5	.55	.95	1.70	2.50	4.85	24.25	97.00
Golf Brand Lawn Food, 10-6-4	..	..	2.50	3.95	7.75	34.25	128.00
Bone Meal, Steamed, 2-26-0	.75	1.35	2.85	4.50	7.50	35.00	125.00
Raw Bone Meal	.85	1.50	3.00	4.75	8.00	37.50	145.00
Sulphate of Ammonia, Koppers	.75	1.25	2.00	3.25	5.50	27.00	105.00
Sheep Manure	.50	.75	1.25	2.00	3.85	19.00	72.00
Cattle Manure	.50	.75	1.25	2.25	4.45	21.00	77.50
Blood Meal	1.50	2.50	4.00	7.00	12.50		
Fish Meal	1.25	2.00	4.00	7.50	13.00		
Nitrate of Soda	1.00	1.75	3.00	5.00	9.00		
Aluminum Sulphate	.80	1.35	2.00	3.00	5.00		
Potash	1.00	1.75	3.00	5.00	9.00		
Limestone, pulverized	.35	.50	.65	1.00	1.50		
Gypsum or Land Plaster	.35	.60	.85	1.35	2.00		
Hydrated Lime	.35	.60	.85	1.30	2.55		
Borax	1.00	1.50	2.50	4.00	7.50		
Dri-Conure 7 1/2 lbs.	\$0.85	2.15	3.60	5.25	80 lbs.		

	5 lbs.	10 lbs.	25 lbs.	40 lbs.	50 lbs.	80 lbs.	1 ton
Milorganite, 6-2-0	\$0.60	\$1.00	\$1.75	\$2.40		\$4.00	\$95.00
Armour's Professional, 10-8-6	.60	1.00	2.10		\$3.50	5.25	85.40
Nitrogranic					2.85	3.90	
Nugreen						7.50	
Rose Food, G & O	.85	1.45	3.25		5.50	8.35	
Borden's 38	3.25		10.50		17.00		
Vigoro CG, 5-15-10						4.25	78.37
Armour's C.C., 6-12-12						4.25	74.50
Brimm 6-24-12						5.00	103.50
Blenn 4-16-16						4.75	93.75
10-10-10.....	.75	1.10	1.75		2.75	4.00	71.55
5-20-20.....	.85	1.25	2.00		3.00	4.50	84.75
6-24-12.....	.85	1.25	2.00		3.00	4.65	88.15
4-16-16.....	.75	1.00	1.50		2.50	4.00	69.30
3-12-12.....	.60	.90	1.30		2.25	3.25	55.40
0-20-20.....	.75	1.10	1.75		2.75	4.00	68.10
0-12-36.....	.75	1.10	1.75		2.75	4.00	67.75
0-20-0 .....	.60	.90	1.25		1.75	3.00	45.15
Tomato Food	.85	1.50	3.25			8.50	
Bulb Food	.85	1.45	3.25		5.50	8.35	
Evergreen Food	.85	1.45	3.25		5.50	8.35	



# FIELD SEED AND FERTILIZER PRICE LIST 1957

## R. L. Gould & Co.

Seedsman Since 1898

500 JACKSON STREET

ST. PAUL 1, MINN.

Issued Jan. 19, 1957

Prices in this list are subject to change without notice.

### ALFALFA

	60 lbs. to the bushel					
	1 lb.	5 lbs.	1/4 bu.	1/2 bu.	1 bu.	100 lbs.
Grimm Cert. ....	\$1.50	\$5.00	\$11.00	\$20.00	\$36.37	\$60.62
Ranger Cert. ....	1.50	5.00	11.00	20.00	36.37	60.62
919 Blend .....	1.50	5.00	10.00	18.00	34.31	57.19
Southwestern .....	1.25	3.50	8.00	15.00	28.12	46.87

### CLOVERS

	60 lbs. to the bushel					
	1 lb.	5 lbs.	1/4 bu.	1/2 bu.	1 bu.	100 lbs.
Trefoil, Imp. ....	\$1.50	\$6.75	\$19.00	\$37.00	\$71.25	\$118.75
Medium Red ....	1.25	5.00	10.00	19.00	36.00	60.00
Mammoth Red ..	1.25	5.00	10.00	19.00	36.00	60.00
Alsike .....	1.25	3.50	9.50	18.00	34.10	56.87
White Dutch ....	1.80	8.75	18.00	35.00	67.50	112.50
Sweet Northland. .	.70	2.00	4.50	8.00	14.62	24.37
Sweet Yellow ....	.70	2.00	4.25	7.00	12.75	21.25
Ladino .....	1.75	6.00	15.00	27.00	52.87	88.12

### TIMOTHY

	45 lbs. to the bushel					
	1 lb.	5 lbs.	10 lbs.	1/2 bu.	1 bu.	100 lbs.
Timothy .....	\$0.85	\$3.00	\$5.00	\$8.00	\$14.62	\$32.50
	1 lb.	5 lbs.	10 lbs.	25 lbs.	50 lbs.	100 lbs.
Timothy and 20% Alsike .....	1.00	2.50	4.50	10.00	19.00	36.87

### MISCELLANEOUS GRASS SEEDS

Kentucky Blue Grass.....	Please Ask For Quantity Prices
Red Top .....	Please Ask For Quantity Prices
Astoria Bent .....	Please Ask For Quantity Prices
Seaside Bent .....	Please Ask For Quantity Prices
Highland Bent .....	Please Ask For Quantity Prices
Domestic Rye Grass .....	Please Ask For Quantity Prices
Fescue Creeping Red .....	Please Ask For Quantity Prices

	1 lb.	5 lbs.	10 lbs.	25 lbs.	100 lbs.
Fescue Alta .....	\$0.95	\$2.50	\$3.50	\$8.00	\$28.12
Fescue Meadow .....	1.00	3.00	5.00	9.00	31.87
Fescue Chew .....	1.25	4.50	8.00	19.20	68.75
Bromus Inermis Can.....	1.25	4.50	8.00	17.50	60.00
Bromus Inermis Lincoln..	1.25	5.00	8.00	17.50	60.00
Reed Canary .....	1.25	5.00	9.00	21.00	81.90
Orchard Grass .....	1.00	3.50	6.00	12.50	48.25
Poa Trivialis .....	1.25	6.00	11.50	20.00	75.00
Rye Grass Perennial.....	.75	3.00	5.00	7.50	20.00

### BUCKWHEAT

	50 lbs. to the bushel				
	1 lb.	1/4 bu.	1/2 bu.	1 bu.	100 lbs.
Common .....	\$0.35	\$1.25	\$2.00	\$3.00	\$5.75

### SORGHUM

	Lbs. per acre				
	1 lb.	10 lbs.	25 lbs.	50 lbs.	100 lbs.
Waconia Orange 50	\$0.75	\$2.50	\$4.50	\$8.00	\$14.50
Black Amber.... 50	.75	2.50	4.50	8.00	14.50

### MISCELLANEOUS FIELD SEEDS

	1 lb.	5 lbs.	10 lbs.	25 lbs.	100 lbs.
Sand or Winter Vetch....	\$0.75	\$2.50	\$4.00	\$7.50	\$25.00
Sunflower, Mammoth ....	.75	2.50	4.00	7.50	25.00
Dwarf Essex Rape .....	.50	1.75	2.50	5.50	20.00
Sudan, Sweet .....	.60	1.50	2.00	4.50	15.00
Sudan .....	.60	1.50	2.00	4.50	15.00

### SEED GRAIN

5 bushels or more, 10 cents per bushel less					
OATS	Lbs. per bu.	1 lb.	1/4 bu.	1/2 bu.	1 bu.
Bonda, Cert. ....	32	\$0.40	\$0.75	\$1.25	\$2.15
Ajax Cert. ....	32	.40	.75	1.25	2.20
Branch Cert. ....	32	.40	.75	1.25	2.15
Carry Cert. ....	32	.40	.75	1.25	2.20
Waubay Cert. ....	32	.40	.75	1.25	2.15

BARLEY	Lbs. per bu.	1 lb.	1/4 bu.	1/2 bu.	1 bu.
Moore .....	48	\$0.30	\$1.00	\$1.75	\$3.00
Montcalm Certified Smooth	48	.35	1.25	2.00	3.45
L. Certified, Rough Awne.	48	.30	1.00	1.75	3.00

SPELTZ	Lbs. per bu.	1 lb.	1/4 bu.	1/2 bu.	1 bu.
Speltz or Emmer .....	40	\$0.35	\$0.95	\$1.65	\$2.85

RYE	Lbs. per bu.	1 lb.	1/4 bu.	1/2 bu.	1 bu.
Emerald Winter .....	56	\$0.35	\$1.00	\$1.75	\$3.00
Adams Winter .....	56	.35	1.10	1.85	3.15
Rosen Winter .....	56	.35	1.00	1.75	3.00

WHEAT	Lbs. per bu.	1 lb.	1/4 bu.	1/2 bu.	1 bu.
Mintes Winter .....	60	\$0.45	\$1.50	\$2.75	\$4.50
Henry .....	60	.35	1.35	2.50	4.20
Lee .....	60	.35	1.35	2.50	4.10

FLAX	Lbs. per bu.	1 lb.	1/4 bu.	1/2 bu.	1 bu.
Red Wing .....	56	\$0.35	\$2.00	\$3.00	\$5.75
B-5128 .....	56	.35	2.00	3.00	5.75

### FIELD PEAS AND FIELD BEANS

	60 lbs. to the bushel				
	1 lb.	1/4 bu.	1/2 bu.	1 bu.	100 lbs.
Canada Yellow Peas....	\$0.35	\$2.00	\$3.50	\$6.00	\$9.50
Soy Beans, Flambeau....	.35	1.85	3.25	5.95	
Soy Beans, Mandarin....	.35	1.75	3.00	5.35	
Soy Beans, Manchu.....	.35	1.75	3.00	5.35	





## ONION SETS

*Ask for Prices*

## ONION PLANTS

*Ask for Prices*

## FIELD CORN—HYBRID

These quotations are f. o. b. St. Paul. All corn offered subject to stock remaining unsold.  
56 Lbs. Per Bushel

	1 lb.	¼ bu.	½ bu.	1 bu.
Hybrid Flat, 85 day, KE2.....	\$0.50	\$3.75	\$6.50	\$12.40
Hybrid Flat, 90 day, KE1.....	.50	3.75	6.50	12.40
Hybrid Flat, 103 day, KS5.....	.50	3.75	6.50	12.40

## SILO AND FODDER CORN

56 Lbs. Per Bushel

	1 lb.	¼ bu.	½ bu.	1 bu.
Elephant Fodder .....	\$0.25	\$1.50	\$2.75	\$4.90
Silo-Bred Hybrid .....	.45	2.25	4.00	7.50
Evergreen Sweet Fodder.....	.50	2.50	4.25	8.40

## POPCORN

	1 lb.	5 lbs.	10 lbs.	25 lbs.	100 lbs.
Dwarf Hulless Hybrid					
Minn. 250 .....	\$1.25	\$4.50	\$8.50	\$17.50	\$65.00
South American Yellow					
Hybrid .....	1.25	4.50	8.50	17.50	65.00

## MILLETS

48 lbs. per bushel. In seamless sacks containing about 130 lbs.

	1 lb.	¼ bu.	½ bu.	1 bu.	100 lbs.
Siberian .....	\$0.50	\$1.85	\$3.00	\$5.00	\$9.75
Hog Millet or Broom Corn	.45	1.50	2.25	3.50	6.95
Early Fortune or Red Proso	.45	1.50	2.25	3.50	6.95
Japanese .....	.50	2.00	3.25	5.50	9.50
White Proso .....	.45	1.50	2.25	3.50	6.95

## SALT

Granulated, 100 lb. bag.....	\$ 2.45
Water Softener, A Kleer, 100 lb. bag.....	2.25
CC Rock, Ice Cream, Sidewalk, 100 lb. bag.....	2.25
FC Rock, Stock or Hay, 100 lbs.....	2.15
Pellets or Nuggets, 100 lbs.....	2.75
White Cattle, 50-lb. block, each.....	1.00
Iodized, 50-lb. block, each.....	1.25
Sulphurized, 50-lb. block.....	1.20
Epsom Salts, for stock or poultry, 5 lbs.....	.35
Sugar Cure, 7½ lbs.....	1.50
Tender Quick, 2 lbs.....	.85

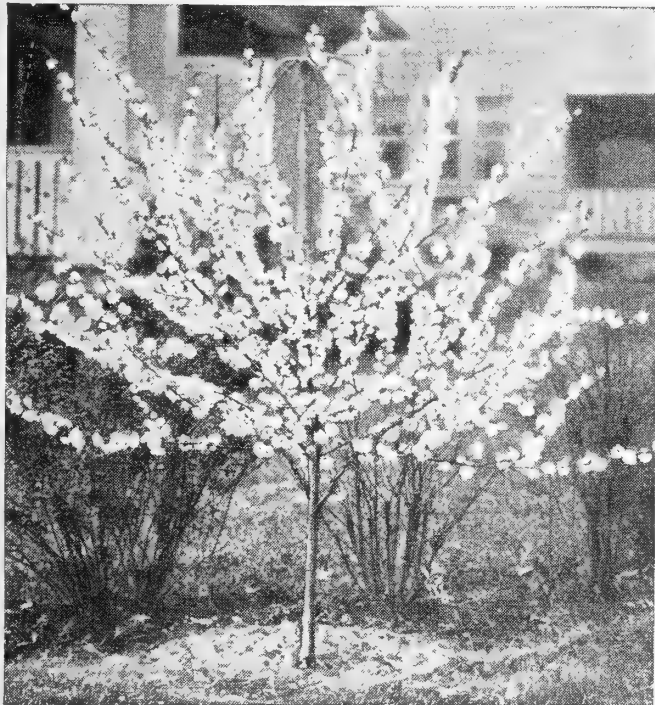
## SEED POTATOES

*Prices Will Be Given Later*

In the shrubs, fruit trees, berry bushes, etc., listed in the following pages, we are offering only those varieties that are especially hardy for the Northwest. Our stock comes from state inspected nurseries for your protection. As with our seeds, we take special pains in getting the very best, strong, healthy stock obtainable. Plant shrubbery as early in the spring as you can as conditions then are ideal in establishing a good root growth which is very important in transplanting.

## Shrubs

**ALMOND PINK FLOWERING.** Rose-like pink flowers in early spring. Should be planted deeply to prevent sprouting of the plum root on which for hardiness, this variety must be grown. One of the most beautiful early flowering shrubs. 2 to 3 ft. size. Each, \$1.75.



*Flowering Almond*

**BARBERRY** (*Berberis thunbergii*). A low growing bush with small leaves beautifully colored in fall. The bright red berries remain on the branches all winter. See Hedge Plants also. 24 to 30 in. size. Each, \$1.50.

**BARBERRY, RED LEAVED.** Leaves and plant grow slightly larger than the common barberry. Leaves have a lovely red color. 18 to 24 in. size. Each, \$1.75.

**BEAUTY BUSH.** A very handsome hardy shrub, growing 6 to 8 feet high resembling the Weigelia and Honeysuckle, bearing an amazing lot of pale pink bell-shaped flowers in June. A fine shrub. Each, \$1.75.

**COTONEASTER, PEKING** (*Cotoneaster acutifolia*). An attractive, beautifully formed shrub with thick, glossy leaves, turning to red in the fall. Small pink flowers in early summer followed by large black berries which remain on the bush nearly all winter. Perfectly hardy. See Hedge Plants also. 3-4 ft. size. Each, \$1.75.

**CRAB, ALMEY FLOWERING.** Has large, fiery crimson flowers. A most beautiful crab. 5 to 6 ft. size, \$4.75.

**CRAB, BECHTEL'S DOUBLE FLOWERING.** Covered in spring with fragrant double rose-like pink flowers. A fine small lawn tree. Grows 15 feet tall. 3 to 4 ft. size. Each, \$2.50.

**CRAB, FLOWERING RED SILVER.** Attractive cut-leaved foliage, maroon-red above, silver on under-side. Flowers crimson, fruit bright red. Height, 25 to 30 ft. 4 to 5 ft. size. Each, \$3.00.

**CURRANT, ALPINE** (*Ribes alpinum*). A very dense growing shrub with fine dark green leaves. Height 3 to 4 feet. A very good plant where the soil is well drained. See Hedge Plants also. 18 to 24 in. size. Each, \$1.75.

**CURRANT, YELLOW FLOWERING** (*Ribes aureum*). One of the earliest shrubs to bloom in the spring. Covered with bright yellow flowers with clove fragrance. Bush grows 3 to 5 feet high. 2 to 3 ft. size. Each, \$1.50.

**ELDER, GOLDEN** (*Sambucus aurea*). A shrub of medium height with yellow foliage and white flowers. Valuable for group planting because of its contrast in color. Grows 7 feet tall. 3 to 4 ft. size. Each, \$1.75.

## Please Note

Nursery stock after leaving our premises is beyond our control and we cannot guarantee it to grow. If, however, we are notified before July 1st, that any such stock purchased from us at the regular catalog price during the month of April or May of this year did not grow, we will replace same next spring at one-half the original cost.

**EUONYMUS BURNING BUSH.** Grows well in either sun or shade. Will grow 6 to 8 feet but can be kept at any height by trimming. Leaves turn a spectacular crimson in the Fall. 18 to 24 in. size, \$3.00.

**FLOWERING PLUM** (*Prunus triloba* var. *plena*). A showy and interesting shrub, bearing in the spring, on its long slender branches a wealth of large pink double flowers. One of the finest spring blooming shrubs. Grows 5 feet high. 3 to 4 ft. size. Each, \$3.00.

**FORSYTHIA SUSPENS A FORTUNEI** (Golden Bell). An upright growing shrub with finely arching branches and golden yellow flowers in early spring before leaves appear. Grows 5 ft. high. 3 to 4 ft. size. Each, \$1.75.

**HIGH BUSH CRANBERRY** (*Americana*). A very ornamental shrub with white flowers in late spring, followed in autumn by bright scarlet berries which remain until early winter. Grows 8 feet tall. 3 to 4 ft. size. Each, \$2.50.

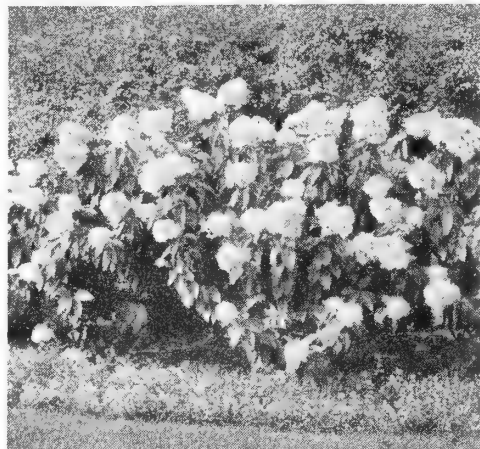
**HONEYSUCKLE** (*Zabeli*). One of the best honeysuckle varieties, producing dark red flowers in May, followed by bright red berries. A vigorous and hardy shrub, growing to a height of 8 to 10 ft. 2 to 3 ft. size. Each, \$1.25.

**HONEYSUCKLE, CLAVEYI DWARF.** Very compact and ornamental. Has yellow blooms. Grows three feet tall. 15 to 18 inch size. Each, \$1.25.

**HYPERICUM, MOSERIANUM.** A low growing hardy shrub with bright yellow flowers. July-August. Grows 2 to 3 feet high, 10 to 12 inch size. Each, \$1.75.

**HYDRANGEA SNOWBALL** (*H. arborescens grandiflora*). Heavy snowball-like flowers of white from late June to frost. Should have plenty of water. Will stand partial shade. Often used for solid low borders. Grows 3 to 4 feet high. 2 to 3 ft. size. Each, \$2.00.

**HYDRANGEA** (*Paniculata grandiflora*). One of the showiest of autumn shrubs bearing conical flower heads of creamy white which later change to pleasing shades of red and pink in August and September. Flowers when most other shrubs are out of bloom. Grows 4 feet high. 2 to 3 ft. size. Each, \$2.00.



*Hydrangea Paniculata Grandiflora*

**LILAC, Common Purple.** These are the old-fashioned Lilacs. Very hardy. 2 to 3 ft. size. Each, \$1.50.

**LILAC, PERSIAN** (*Rothomagensis*). A beautiful shrub with slender, arching branches and narrow leaves. Pale purple flowers. Grows 10 feet. 3 to 4 ft. size. Each, \$2.00.

**LILAC, BELLE de NANCY** (French). Large double deep pink blooms. Very fragrant. 2 to 3 ft. size. Each, \$2.50.

**LILAC, CHAS. JOLY** (French). Strong grower of large double dark red flowers. 2 to 3 ft. size. Each, \$2.50.

**LILAC, LUDWIG SPAETH.** (French.) Single flowers, maroon-red in large clusters. 2 to 3 ft. size. Each, \$2.50.

**LILAC, MICHAL BUCHNER** (French). A beautiful blending of deep lilac, bordered with lighter shades on outer edge of double flowers. 2 to 3 ft. size. Each, \$2.50.

**LILAC, MME. LEMOINE** (French). A very popular white. Flowers large, double and free blooming. 2 to 3 ft. size. Each, \$2.50.

**LILAC, MT. BLANC** (French). One of the very best single whites; color a creamy white, flowers of immense size. 2 to 3 ft. size. Each, \$2.50.

**LILAC, PRESIDENT GREVY** (French). A fine variety producing large, full clusters of very large, double, pale blue flowers. 2 to 3 ft. size. Each, \$2.50.

**NINEBARK, DWARF** (*Opulifolius nana*). A very compact low growing bush, 3 to 4 feet high, bearing clusters of white flowers in spring, followed by red berries. Foliage very attractive. 2 to 3 ft. size. Each, \$1.25.



**NINEBARK, GOLDLEAF.** Grows 8 to 10 ft. tall, bearing golden color leaves. Has white flowers in May and June. 3 to 4 ft. size. Each, \$2.00.

**MOCK ORANGE** (Frosty Morn., Pat. No. 1174). A new, dwarf, hardy Mock Orange, about three feet high, producing in June and early July, fragrant, very double white flowers. 18 to 24 inch size, Each, \$1.50.

**MOCK ORANGE** (Coronarius). Orange scented, creamy white flowers in May and June. It is a strong growing shrub and like all Mock Orange is one of the best shrubs for situations which are partially shaded though preferring sun. Grows 7 ft. tall. 2 to 3 ft. size. Each, \$1.25.

**MOCK ORANGE, GOLDEN** (Philadelphus aurea). A compact shrub of an ultimate height of 4 feet with very brilliant yellow foliage. It is a mass of white flowers in May and June. 12 to 15 in. size. Each, \$1.75.

**MOCK ORANGE** (Virginal). A fine variety. Large, fragrant, pure white flowers bloom over a very long period. 2 to 3 ft. size. Grows 4 to 5 ft. high. Each, \$1.50.

**MOCK ORANGE** (Minn. Snowflake, Pat. No. 538). Outstanding. Has double white, fragrant flowers that bloom profusely. Grows to a height of 10 to 12 ft. Thrives in sun or partial shade. A fast grower, very hardy. 2 to 3 ft. size, \$1.50 each; 3 to 4 ft. size, \$2.00 each.

**PLUM, CISTENA** (Prunus Cistena). A very compact shrub with bright red foliage. Grows 6 to 8 ft. 2 to 3 foot size, each, \$2.00.

**QUINCE, JAPANESE FLOWERING.** A shrub of dark shiny foliage with dense growth. Has clusters of orange-scarlet flowers; spicily fragrant fruits. Bush grows 5 to 6 ft. tall. 18 to 24 in. size. Each, \$1.35.

**SNOWBALL** (Viburnum opulus sterile). A popular shrub. Grows 6 to 8 ft. high having large clusters of white flowers in May and June. 2 to 3 ft. size, each, \$1.50.

**SNOWBERRY, RED** (Coral Berry). A native shrub that is hardy and easy to grow where other plants fail. Red to purplish red berries in late summer. Stands sun or shade and poor soil. Prune in early spring. Grows 4 to 5 feet high. 2 to 3 ft. size, each, \$1.00.

**SNOWBERRY, WHITE** (Symphoricarpos racemosus). A compact, graceful shrub with slender arching branches. The pink flowers are succeeded by large white berries in September that persist well into the winter. Grows 4 to 5 ft. high. 2 to 3 ft. size, each, \$1.00.

**SPIREA, CALLOSA ALBA.** Grows only three feet tall. Has dark green leaves, white blooming flowers all summer. 15 to 18 inch size, Each, \$1.50.



*Anthony Waterer Spirea*

broader and darker leaves, which are a beautiful salmony bronze red in spring, reverting to similar shade in fall. Has reddish pink flowers in dense corymbs during July and August. 24 to 30 in. size, each, \$1.25.

**SPIREA SORBIFOLIA** (Plume Spirea). Foliage resembles a Mountain Ash. Long spikes of white flowers in July. Stands sun or partial shade. 5 feet. 2 to 3 ft. size, each, \$1.25.

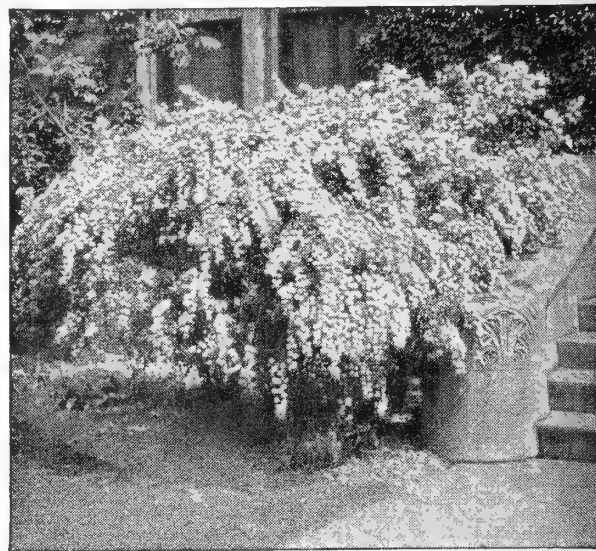
**SPIREA, ANTHONY WATERER.** Brilliant rosy carmine flowers. Blooms all summer. Always blooms the first season. Makes a fine color combination planted with Hydrangea arborescens. Grows 2 feet high. 15 to 18 in. size, each, \$1.25.

**SPIREA, BILLARDI** (Pink Summer Spirea). Pink flowers in terminal spikes during July and August. Suitable for moist situations. Grows 5 feet high. 3 to 4 ft. size, each, \$1.25.

**SPIREA FROEBELI.** Similar to Anthony Waterer, but a foot taller, with

**SPIREA THUNBERGI.** Low growing, 3 to 4 ft., with feathery bright green foliage, snow-white flowers in early Spring. 2 to 3 ft. size, each, \$1.25.

**SPIREA VAN HOUTTEI** (Bridal Wreath). A very hardy and effective shrub, with graceful arching branches well covered in late May with a profusion of large pure white flower clusters. Will grow in almost any location. Grows 5 to 6 feet high. 2 to 3 foot size, \$1.00; 10 for \$9.00; 3 to 4 foot size, \$1.25 each; 10 for \$11.25.



*Spirea Van Houttei*

**TAMARIX.** Very fine foliage producing a fern-like effect. Attains a height of 6 to 8 feet. Pink flowers July to September. 2 to 3 ft. size, each, \$1.50.

**WEIGELIA, BRISTOL RUBY.** The best dark red, blooms in Spring and throughout Summer and Fall. Attains a height of 6 to 7 ft. 2 to 3 ft. size, each, \$2.50.

**WEIGELIA ROSEA.** Has coarse but gracefully drooping branches with pink flowers. If pruned after blooming will flower off and on all summer. Grows 6 feet high. 2 to 3 ft. size, each, \$1.75.

### Hardy Climbers

**BITTERSWEET** (Celastrus scandens). A native vine in Minnesota. Produces an abundance of orange-red berries that are used for decorative purposes in the winter. Very hardy. Good for covering trellises, etc. Each, \$1.00.

**BOSTON IVY** (Ampelopsis Veitchii). The grandest hardy climbing vine for covering houses, churches, schools, etc. Its glossy, ivy leaves make a rapid growth. The tendrils cling firmly to the smoothest surface of rock or brick. Each, \$1.25.

**ENGELMAN'S IVY** (Ampelopsis engelmanni). Leaves are larger and not as dainty as the Boston Ivy. This ivy grows very fast and clings to brick, stone or plaster. Perfectly hardy in Minnesota. Each, \$1.00.

**SCARLET TRUMPET HONEYSUCKLE** (Lonicera sempervirens). Trumpet-shaped flowers of bright scarlet. Blooms more or less all summer. Each, \$1.00.

**GOLD FLAME HONEYSUCKLE** (Heckrottii). Ever-blooming trumpet-shaped flowers, fragrant, bright red outside, yellow inside. A hardy vine. Each, \$1.25.

**POLYGONUM REYNOWTRIA.** A handsome ground covering plant, growing only 6 to 10 inches high. Hardy and establishes itself from underground runners. Likes sun. Has airy pink flowers in the Fall. Each, \$1.75.

**SILVER LACE VINE.** A rapid growing climber producing throughout the summer and fall large foamy sprays of creamy white flowers. Each, \$1.25.

### Clematis

No other climbing plant equals in attractiveness the beautiful flowering Clematis. Plant with crowns 3 inches below surface of soil. Provide good drainage.

**CRIMSON STAR.** A large flowering red of the Jackman type, on a vigorous vine. Each, \$1.75, postpaid, \$2.20.

**HENRYI.** Lovely large creamy white flowers. Bloom all summer. Potted plant, each, \$1.75; postpaid, \$2.20.

**JACKMANI.** Broad-petaled flowers of violet-purple. The most popular and hardiest of the blue-flowering Clematis. Potted plant, each, \$1.75. \$2.20 postpaid within 3rd zone only.

**MME. EDW. ANDRE.** Very lovely velvety red, free-flowering and continuous bloomer. Each, \$1.75; postpaid, \$2.20.

**PANICULATA.** This strong, hardy, rapid grower with its small dense foliage and very fragrant white flowers blooms in great profusion in late July or early August. A lovely Clematis. 2-year, potted root, \$1.50. \$1.75 postpaid.

**RAMONA.** Single, pale blue flowers. A very lovely Clematis. Potted plant, \$1.75; postpaid, \$2.20.

### MAIL ORDERS

MAIL ORDERS FOR NURSERY STOCK ARE SENT TO MINNESOTA, IOWA, NORTH and SOUTH DAKOTA, ILLINOIS, and WISCONSIN POINTS ONLY. All prices are F. O. B. St. Paul. If wanted by Parcel Post, add 20% for postage and packing with a minimum of 35c; if by Express, add 10% for packing.

## Ornamental and Shade Trees

**ASH, GREEN.** A fast growing, long-lived, drought resistant and relatively free of disease and insects. In Fall, the rich green foliage becomes an attractive yellow. Grows up to 60 feet with a spread of 40 to 50 ft. 6 to 8 ft. trees. Each, \$3.00.

**AMERICAN ELM.** A splendid tree for boulevard planting or a yard. Graceful and of upright habit. Grows 80 to 100 feet high. 6-8 ft. size, \$2.75; 1½ to 1½-inch diameter, \$6.00; 1½ to 2-inch caliper trees, each, \$7.50.

**BASSWOOD OR LINDEN.** Has large heart-shaped leaves and fragrant white blossoms. A fine lawn tree. Hardy and fast grower. 6 to 8-foot trees, each \$4.00.

**BIRCH, CUT-LEAF WEEPING.** A striking, erect tree, slender drooping branches and finely cut leaves. The bark is white like the native birch. 6 to 8-ft. size, each, \$6.00.

**BIRCH, WHITE.** A medium sized tree native to Minnesota. The white bark is enchanting the year around. 6 to 8 feet. Each, \$3.50. Clumps, 3 or more trunks, 4 to 5 ft., \$4.75.

**CRAB, DOLGO.** A beautiful ornamental tree, absolutely hardy. Produces an abundance of small red crabs. The trees are free from blight and very attractive with a mass of red fruit. 4 to 5-foot size, each, \$2.50.

**CRAB, HOPA.** A very ornamental tree. Red blossoms completely cover the tree in early spring. Fruit is small, red inside and out. 5 to 6-foot size, each, \$3.00.

**CRAB, STRATHMORE.** A new type of Flowering crab. Tree grows in the general shape of a Lombardy Poplar, 10 to 15 feet tall. Has reddish leaves all summer, turning crimson in the Fall. Fruit small and birds like them. 3 to 4 ft. size. Each, \$2.95.

**HACKBERRY.** A valuable fast growing shade tree which grows to a height of 50 to 60 feet, with a spread of 50 feet. 6 to 8 ft. size, each, \$2.75.

**LOCUST, MORAINÉ.** Plant Pat. No. 836. New, fast growing, long lived, seedless, podless, thornless, a grand shade tree. 5 to 6 ft. whips. Each, \$5.00.

**MAPLE, CRIMSON KING.** (Pat. No. 735.) Rich purple foliage is retained until leaves drop in fall. A great improvement over Schwedler Maple, but a slower grower. 5 to 6-ft. size. Each, \$6.00.

**MAPLE, SUGAR OR HARD.** A tall and symmetrical tree, long lived and extremely hardy. The bright green leaves turn to brilliant scarlet and yellow in the fall. Growth is medium fast. 6 to 8-foot size, each, \$5.50.

**MAPLE, SCHWEDLER'S.** A very ornamental shade tree. The foliage is dark red in the spring and gradually softening to bronze, then turns to green later in the season. 6 to 8-foot trees, each, \$7.00.

**MAPLE, SOFT OR SILVER.** A very rapid growing tree. The finely cut leaves show their silvery sides when turned by breezes. Grows 60 feet. 6 to 8 ft. size. Each, \$2.75.

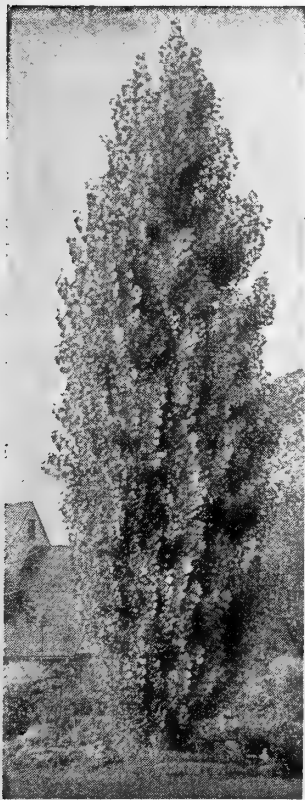
**MOUNTAIN ASH.** (European.) The foliage and clustered fruits makes this a very beautiful lawn tree. Bright red berries, white flowers. Grows 30 feet high. 6 to 8-foot trees. Each, \$3.50.

**POPLAR, BOLLEANA.** A tall, slender tree. Leaves are dark green on the upper surface and white beneath. The bark is silvery gray. Grows 80 feet high. 6 to 8-foot trees. Each, \$2.75.

**POPLAR, LOMBARDY.** Very similar to the Bolleana except in color of leaf and bark which is green. Grows 100 feet tall. 6 to 8-foot trees. Each, \$1.50; 10 for \$13.50.

**WALNUT, BLACK.** A majestic tree that not only bears choice nuts, but is also a grand shade tree of fine form. A slow grower. Will attain a height of 100 to 150 feet. 6 to 8-foot trees. Each, \$3.00.

**WILLOW, NIOBE WEEPING** (Salix alba). A small tree, with graceful, golden, drooping branches. It is one of the best of the Weeping Willows. 6 to 8-foot size. Each, \$2.75.



Lombardy Poplar

## Asparagus Roots

In preparing the bed for asparagus roots, the soil should be worked up at least 12 inches deep and a very heavy application of well-rotted manure or commercial fertilizer should be given. Make furrows ten inches deep and spread roots 18 inches apart in row and cover with two inches of soil, gradually filling as shoots appear until surface is level. Do not cut any later than June 20th until the third or fourth year.

### MARY WASHINGTON

2 yr. old. Doz., \$1.20; 25, \$1.95; 100, \$4.75; 250, \$11.00. Postage 30c for first doz.; 3c for each additional doz.

## Hedges

### Transplants—Heavy Stock

Plant living, lasting fences. Walls and fences are generally expensive but a fine green hedge may be had at a small cost and will add much to the beauty of the home, both summer and winter.

**ALPINE CURRANT.** A very dense-growing hedge with fine dark green leaves. Will grow to a height of 3 or 4 feet. The yellow flowers which open in May are very fragrant. Very desirable where the soil is somewhat dry. 12 to 15 in. Each, \$1.00; 10, \$8.50; 100, \$70.00.

**BARBERRY** (Berberis Thunbergi). Dwarf hedge, attractive and effective. 12 to 18 in. Each, 60c; 10, \$5.40; 100, \$50.00.

**CARAGANA ARBORESCENS** (Siberian pea tree). An excellent hedge plant. Especially suited to light soils and sunny locations. The beauty of its foliage makes it desirable for planting in groups or in masses behind other low growing shrubs. Bright green pea-like leaves. Grows 8 to 12 feet high. 18 to 24-inches size, each, 60c; 10, \$4.50; 100, \$35.00.



A Hedge Adds Much to the Beauty of the Home Surroundings

**COTONEASTER.** When a hedge of medium height is wanted this is one of the best to plant. Leaves are a rich green, very glossy which adds to the beauty of the plant. 2 to 3-foot size, each, 80c; 10, \$7.25; 100, \$65.00.

**EUROPEAN PRIVET.** (vulgaré) A hardy hedge plant carrying dark green foliage which hangs on late in the Fall. For gorgeous beauty, do not allow to grow over 3 feet high. 2 to 3 ft. size, Each, 85c; 10, \$7.00; 100, \$50.00.

**LILAC, Common Purple.** Heavy rooted, 18 to 24-inch plants. Each, 80c; 10, \$7.30; 100, \$60.00.

## Rhubarb Roots

The planting of rhubarb roots instead of seed saves both time and labor, especially for the home garden. Do not pull the stocks the first year after planting, except the blossom stock. These should always be kept down, as they take the strength from the rest of the plant.

Add 30c for mailing within the 3rd zone for one root; 5c for each additional root.

**Valentine.** The new, mildest and sweetest of red rhubarbs. Tops them all. Fine for freezing. A vigorous grower, rich in flavor. Each, \$1.00; 5 for \$4.50.

**Chipman's Canada Red.** Another new hardy sort, that is deep red all the way through. Sweet and fine flavored. Each, \$1.00; 5 for \$4.50.

## Seedling Windbreak Trees

Ash, Green, per 100.....	2-3 ft.	\$ 7.00
Caragana, per 100.....	2-3 ft.	15.00
Elm, American, per 100.....	2-3 ft.	7.00
Poplar, Lombardy, per 100.....	3-4 ft.	15.00

SPRUCE	Size	25	50	100
Black Hills, Trans...	6-9 in.	\$6.95	\$12.95	\$24.95
Norway, Spruce Sd..	6-8 in.	3.00	5.50	10.00
Norway Pine, Trans.	9-12 in.	12.00	22.00	40.00
White Pine, Trans...	6-9 in.	6.95	12.95	24.95

Add 20% on mail orders for postage.



## Apple Trees (5 to 7 Ft.)

**BEACON.** Developed by the Minnesota Agricultural University. A deep red apple of good size and quality that ripens early. Each, \$2.25; 10 for \$20.00.

**DELICIOUS.** A very high quality apple suitable for southern Minnesota. Each, \$2.25; 10 for \$20.00.

**DUCHESS RED.** Season, July and August. A vigorous growing, hardy tree. Fruit is large, bright red. Each, \$2.25; 10 for \$20.00.

**FIRESIDE.** One of the best. Some say it has no equal. A hardy Delicious. Nearly solid red when fully colored. Colors slowly. A good bearer every year. Season January to April. Each, \$2.25; 10 for \$20.00.

**HARALSON.** Season, January to April. Has been aptly called the Northwest's best winter apple. Tree vigorous and very productive. Each, \$2.25; 10 for \$20.00.

**LAKELAND.** (Minnesota No. 978). This introduction from the Minnesota Fruit Breeding Farm is an annual bearer, and the fruit clings until solid red. It ripens immediately after Wealthy but keeps a little longer. The dessert quality is good, and excellent for cooking. Each, \$2.25; 10 for \$20.00.

**McINTOSH.** Season, October to January. One of the finest apples grown. Because of its brilliant deep red color, delicious flavor, crisp snow-white flesh and distinct pleasant aroma many people prefer it to all other varieties. Each, \$2.25; 10 for \$20.00.

**MINJON.** (Minn. No. 700.) An apple closely resembling Jonathan in size, color and form. It is very hardy, very productive and ripens soon after Wealthy. Good eating and cooking quality. Each, \$2.25; 10 for \$20.00.

**MINNETONKA BEAUTY (Pat. 474).** A late very hardy winter apple of good size and exceptional quality, an exceptional keeper. Color a bright, attractive, medium red over yellow. Each \$2.25; 10 for \$20.00.

**NORTHWEST GREENING.** Season, November to June. The most popular green apple for cooking and baking. Tree is vigorous and an annual bearer. Resistant to fire blight and cedar rust. A good keeper. Each, \$2.25; 10 for \$20.00.

**PRAIRIE SPY.** It is a medium to large apple, ripening late, and an exceptionally good keeper. Fruit covered with carmine red stripes and is very attractive. Quality good. We do not recommend planting it in Northern Minnesota as the season is not long enough to properly mature the fruit. Each, \$2.25; 10 for \$20.00.

**REDWELL.** This late Fall apple is an annual bearer of bright, solid red fruits and hangs to tree well. A fine apple for eating, pies and sauce. Each, \$2.25; 10 for \$20.00.

**WEALTHY.** Season, September to January. One of the best market and home orchard varieties for Minnesota. Fruit medium to large, beautiful red in color and good flavor. Each, \$2.25; 10 for \$20.00.

*Careful spraying of fruit trees means perfect fruit and healthy foliage. It is not hard to do, either. Our free spray chart tells when to spray and what to use. Ask for it.*

## Crab Apple Trees (5 to 6 Ft.)

**CHESTNUT (formerly Minn. No. 240).** This large dessert crab has met general approval because of hardness, productiveness and excellent quality for eating fresh or for sauce, pickles, and pies. The color is an attractive bronze red, season is early September. Each, \$2.25.

**DOLGO.** It is absolutely hardy and very prolific, producing an abundance of small red crabs, which make a perfect jelly even when fully ripe. A beautiful ornamental tree. See page 27.

**HOPA.** A very ornamental tree. Red blossoms completely cover the tree in early spring. Fruit is small, red inside and out. See page 27.

**HYSLOP.** Dark rich red fruit of large size and sub-acid flavor. Each, \$2.25; 10 for \$20.00.

**RED SILVER.** Fruit is bright red and maroon leaves with under side silver colored. Each, \$3.00.

**WHITNEY.** A fine crab for eating purposes or sweet pickles. Fruit of red color. Each, \$2.25; 10 for \$20.00.

## Pear Trees (5 to 6 Ft.)

Pears require the same soil and cultivation as apples. Pruning and spraying also similar.

**PARKER.** (Minn. No. 1)—This probably is our most dependable pear. Introduced by the Minnesota State Fruit Breeding Farm and has proven of real value. We recommend it for general planting in the South half of Minnesota and in favorable locations in Northern Minnesota. Fruit is large, color is greenish-yellow with distinct blush. Flesh tender and juicy. Quality very good. Each, \$2.50.

**PATTEN.** A sweet and juicy pear of fine flavor and quality and good size. Recommended for home orchard and garden. Each, \$2.50.

## Pollenizers for Minnesota Plums

It is necessary to plant one or two pollenizing plums with any of the Minnesota hybrids in order to get good yields. It has been found that the Minnesota hybrids do not pollinize one another.

## Hybrid Plum Trees (5 to 6 Ft.)

**EMBER.** A hardy vigorous tree, originated by the Minn. Fruit Breeding Sta. One of the best hybrid plums. The large fruits are yellow with a red blush. Matured plums keep several weeks. Each, \$2.50; 10 for \$22.50.

**TOKA.** A brilliant red plum with apricot-plum flavor. One of the best for canning and jam. Excellent as a pollenizer. Price, each, \$2.50; 10 for \$22.50.

**PIPESTONE (Minn. No. 218).** A new, very large, productive, early midseason variety of excellent quality for dessert and culinary purposes. Yellow with a red blush. Each, \$2.50; 10 for \$22.50.

**SUPERIOR.** Considered one of the best mid-season plums. Fruit is large, beautiful red, flesh firm, of exceptional quality. Each, \$2.50; 10 for \$22.50.

**UNDERWOOD.** One of the best plums for general growing. The fruit is large, of an attractive red color, with a firm, juicy, golden yellow flesh. Season, late July and early August. Each \$2.50; 10 for \$22.50.

**WANETA.** Prof. Hansen's best plum. Very large, dark red overlaid with blue. Fruit of splendid flavor. Hardy and a heavy bearer. Each, \$2.50; 10 for \$22.50.

## Hardy Cherry Trees (4 to 6 Ft.)

The Hardy Cherries that we offer are results of crosses between plum and cherry, except Meteor and Northstar, which are true Cherries. The trees are hardy. The fruits possess the Cherry flavor and are not bothered by the birds. Will not fruit without a pollenizer.

**COMPASS.** Compass is an early fruiter, bearing the second year. It is indispensable as a pollenizer for Sapa and Oka. It is a very hardy tree and thrives in nearly any location. Fruit especially good for jams and canning. Heavy yielder. Each, \$3.00; 10 for \$27.00.

**EARLY RICHMOND CHERRY.** Hardest of all pie cherries. The fruit is of medium size and is borne in great quantities. Excellent for canning and pie. Fruit is dark red. Each, \$3.00; 10 for \$27.00.

**METEOR.** A new, true pie cherry introduced by the Minnesota Fruit Breeding Farm. Tree is hardy, fruit large and quality very good. 4 to 5 ft. size. Each, \$3.00.

**NORTHSTAR.** Another new true pie cherry introduced by the Minnesota Fruit Breeding Farm. Tree hardy, fruit large and bright red, changing to mahogany-red at maturity. 4 to 5 ft. size. Each, \$3.00.

**OKA.** One of the best of the Hybrid Cherries. Hardy cherry excellent in both the South and as far North as you wish to plant. Skin is black and flesh red. Fruit is very attractive, a heavy bearer. Of bushy habit and should be grown as a shrub. Each, \$3.00; 10 for \$27.00.

**SAPA.** A hardy tree bearing heavily, dark red with wine colored flesh fruit, excellent for sauce and preserves. Each, \$3.00; 10 for \$27.00.

*Careful spraying of fruit trees means perfect fruit and healthy foliage. It is not hard to do, either. Our free spray chart tells when to spray and what to use. Ask for it.*

## Hansen's Bush Cherry

Here is an easy-to-grow, hardy, dwarf bush that makes a beautiful shrub with gorgeous white flowers in the spring, and rich red and gold leaves in the fall. Fruit grows in clusters, plum-shaped, but the size of a sweet cherry. Fruit is good to eat from the bush, and makes wonderful jelly and jams. Bush usually bears the year after planting. 2 to 3 ft. size, each, \$1.00.

## Nanking Bush Cherry

A very beautiful and attractive ornamental bush with its lovely compact foliage preceded by an abundant bloom of pink flowers. In June the bush is fairly covered with brilliant red edible fruit, similar to but smaller than the sour cherry. Finest quality cherries for pies, preserves, jams and jelly. Plant two or more bushes to insure pollination. Grow 5 to 6 ft. high. 2 to 3 ft. size, each, \$1.50.

## MAIL ORDERS

MAIL ORDERS FOR NURSERY STOCK ARE SENT TO MINNESOTA, IOWA, NORTH and SOUTH DAKOTA, ILLINOIS, and WISCONSIN POINTS ONLY. All prices are F. O. B. St. Paul. If wanted by Parcel Post, add 20% for postage and packing with a minimum of 35c; if by Express, add 10% for packing.

## Currant Bushes

**RED LAKE.** The berry is very large and is borne on long stems forming exceptionally long, well filled bunches. The quality of fruit is very good, the ripening season is medium, and the plant a heavy yielder. While this variety produces large berries on long bunches, its most valuable quality is the sturdy upright type of bush. Because of the above qualities, Red Lake is the leading currant today. Each, 60c; 5 for \$2.50; 10 for \$4.50.

## Gooseberry Bushes

**PIXWELL.** This is a new, hardy variety that produces large bushes loaded with fruit. Berries are large, oval shape, of pleasing light green color turning pinkish when ripe. The berry stems have few thorns which makes picking easy. Each, 90c; 3 for \$2.50; 5 for \$4.00.

Berry bushes, grape vines and strawberry plants are from state inspected nurseries for your protection.



### The New Pyramid Way

From a small 6 foot space, you can produce with a Pyramid Garden, 50 quarts of strawberries in a season; enough for your table and some to put away in freezer for winter treats.

Pyramid Garden with complete instructions....\$ 9.95  
Cover Supports ..... 3.95  
Cover (Plastic) Frost Protector ..... 6.95  
Netting. Protects from birds..... 6.95

## Strawberry Plants

### JUNE BEARING

**ARROWHEAD.** (Formerly Minn. No. 1118.) A bright red, attractive June fruiting strawberry which has been highly vigorous and productive in tests at many and varied locations. It is a promising home and market variety. 25 for \$1.50; 50 for \$2.50; 100 for \$4.00; 250, \$7.75.

**BEAVER.** While not as high in flavor as Dunlap or Premier, Beaver is a firm berry and especially good for canning. Does best on sandy soils. Beaver yields early and heavy. 25 for \$1.25; 50 for \$2.00; 100 for \$3.00; 250, \$6.50.

**DUNLAP.** Mid-season. An old favorite. One of the best known and most widely grown strawberries in the north and eastern half of the United States. 25 for \$1.10; 50 for \$1.80; 100 for \$2.90; 250 for \$6.00; 500 for \$9.50.

**PREMIER.** A most popular June bearer. Ripens very early, productive and hardy, also a fair to good plant maker. Berries bright red, fairly firm, of good quality. 25 for \$1.25; 50 for \$2.00; 100 for \$3.25; 250 for \$6.50; 500, \$10.50.

### EVERBEARING

**RED RICH.** The new sensational patented strawberry that is a most remarkable grower and producer. Perfect for freezing. Planted early, you will get berries all summer and fall the first year. Field grown, 25, \$5.00; 50, \$8.50; 100, \$15.00. Potted plants, 12, \$3.95; 24, \$7.50; 48, \$12.50; 96, \$22.50.

**BRUNES MARVEL.** Berries are as large as the Gem or Mastodon and as sweet as the Wayzata. Sets runners freely. Stands dry weather well. Cultivate plants all summer. Keep bud clusters picked off from 6 to 7 weeks after planting, then let them bear the rest of the summer. 25 for \$1.75; 50 for \$3.00; 100 for \$5.00; 250, \$9.85.

**EVERMORE.** (Minn. No. 1166.) Is hardy and a good plant maker, as well as being a heavy producer. Fruit is medium to dark red and inclined to be tart. 25 for \$1.60; 50 for \$2.75; 100 for \$5.00; 250, \$9.85.

**GEM.** (Everbearing.) Berry is large and light red, of excellent quality. Very immune to disease. A good bearer. A dependable variety that sets runners well. 25 for \$1.80; 50 for \$3.00; 100 for \$4.75; 250, \$9.50.

**STREAMLINER.** Bears large sized fruit of excellent flavor. The healthy foliage and freedom from disease makes Streamliner outstanding. 25, \$2.00; 50, \$3.25; 100, \$5.00; 250, \$9.50.

**SUPERFECTION.** A new everbearer that growers say is one of the finest yet introduced. Grows well in almost any soil, large roundish berries, dark red all the way through, with a very delicious, sweet flavor. Berries are of very firm texture. A good plant maker. 25 for \$2.40; 50 for \$4.35; 100 for \$6.75; 250 for \$13.50.

**WAYZATA.** (Everbearing.) A hardy disease and frost-resistant variety. Fruit attractive and equal to the best June berries. 25 for \$2.75; 50 for \$4.75; 100 for \$8.50.

## Raspberry Bushes (Extra Heavy)

**INDIAN SUMMER, EVERBEARING.** A raspberry that produces a crop towards the end of June and another in late September, here in the St. Paul area. The berries are large, conical, medium red, rather soft and of good quality. Very disease resistant. Doz., \$2.45; 25 for \$4.50; 50, \$8.00; 100 for \$14.00.

**LATHAM.** (Minn. No. 4.) That great Minnesota Introduction—holds first place as a leading commercial and home variety of Red Raspberry. It is hardy everywhere, bushes are sturdy, upright, and vigorous, particularly resistant to disease of all kinds. The fruit is very large, dark red, and firm, heavy yielder, easy picker. Heavy plants. Doz., \$2.45; 25, \$4.50; 50, \$8.50; 100, \$14.00.

**BLACK HAWK.** Plant vigorous and hardy. Heavy foliage. Fruits midseason, large, glossy black, firm, picks easily, quality very good. Each, 60c; Doz., \$6.75; 25, \$12.50.

**CHIEF.** The fruit, medium in size, bright red, firm. Ripens early and extends over a long period. Quality of fruit is excellent. The plants are vigorous in growth, perfectly hardy and seem to be resistant to mildew and mosaic. Heavy plants. Doz., \$2.45; 25, \$4.50; 100, \$14.00.

**CUMBERLAND BLACK RASPBERRY.** Very high quality and our hardest Black Raspberry. Plant in a sheltered location or mulch over winter. Doz., \$2.45; 25, \$4.50; 50, \$8.50; 100, \$14.00.

### Visit Our Basement Nursery

It is usually about the first week in April, when we have our large basement filled with thousands of rose bushes, fruit trees, ornamental trees, shrubs of all kinds, etc., adapted for our Upper mid-west climate. Drop in and see our fine display of sturdy nursery stock. . . . Also it is your gain to plant as early as frost is out of the ground and it is dry enough to dig.

## Grape Vines—2-yr. Heavy Plants

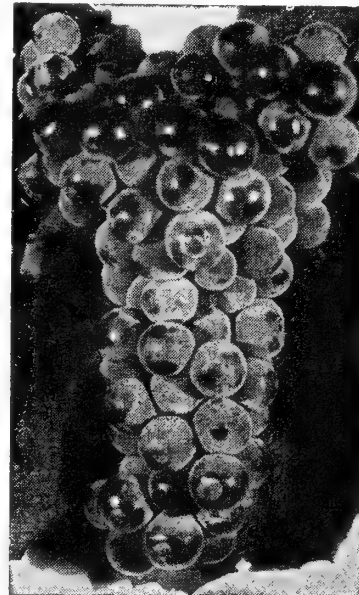
Plant two or more varieties for proper pollenization.

Grape vines are very easy to grow, and even under unfavorable conditions the vines will bear fruit, but good culture, pruning and spraying should be done when needed in order to get the best quality and yield.

**AGAWAM.** A large, dark red grape; pulp soft and sweet. Vines strong, hardy and productive. Ripens early. Mid-September. Each, 50c; 5 for \$2.25; 10 for \$4.00.

**BETA.** An excellent grape for Minnesota and the Northwest. The vines are as hardy as the wild grape, which means they do not require protection in the winter as many of the other varieties do. Fruit is black with blue and of the best quality to use for jelly and juice, as it has the wild grape flavor. Fruit is nearly as large as Concord, and a much better yielder in this climate. Ripens about the first of September. Each, 50c; 5 for \$2.25; 10 for \$4.00.

**BLUE JAY.** (Minn. No. 69.) This grape has very compact, large clusters of berries, about the same size as Concord. They are dull black and covered with a bluish bloom. When first colored and apparently ripe, they are rather acid, but if allowed to remain on the vine for 10 to 14 days longer, they become mild and pleasing in flavor. Also good for making juice and jelly. This variety needs to be planted near some other variety that will furnish pollen. Each, \$1.00; 5 for \$4.50.



**CONCORD.** Purplish black skin, berries medium size in compact bunches. Highly resistant to drought, insects and disease. Season medium late here in the Northwest. Semi-hardy in Minnesota. Cover in the fall. Each, 50c; 5 for \$2.25; 10 for \$4.00.

**MOONBEAM.** (Minn. No. 66.) The color of the large berries is light greenish-white turning to yellow when very ripe. The vines are unusually vigorous and easy to propagate. The clusters are seldom above medium size, but berries are fully as large as Concord. The skins are extremely tender. Each, \$1.00; 5 for \$4.50.

**RED AMBER.** (Minn. No. 45.) This red grape is considered by many as having the best quality of any. The vines are vigorous and clean in appearance. The berries, smaller than those of Concord, borne in clusters of medium size. At the Fruit Breeding Farm they ripen in early September. The flavor is very sweet and rather spicy and of exceptional quality. Each, \$1.00; 5 for \$4.50.



## FIELD SEEDS

Prices are given on Special Field Seed Price List. See Yellow List enclosed with catalogue, or write or call for list.

### Alfalfa

Sow 12 to 15 lbs. to the acre, drilled.

**919 ALFALFA BLEND.** A mixture of selected varieties of alfalfa seeds for better adaptation and better crops in your area. Through a special process the "hard seed" content is greatly reduced, upping germination. Is fungicide treated to increase stands and give better yields. You are assured a purity and germination consistently higher than on other brands of mid-west alfalfa. Also more disease resistant.

**SOUTHWESTERN.** Non-winter hardy, ideal to plant with peas early in spring as nurse crop. You can get one cutting of hay in August and still have a good green manure to plow under in the fall. Costs much less than the price of hardy Alfalfa.

**GRIMM.** One of the oldest and best known of the winter hardy varieties, but is very susceptible to bacterial wilt and is losing favor because of this.

**RANGER.** One of the newest, resistant to bacterial wilt. Is also the best variety for winter hardiness. Yield about equal to Grimm. This variety now leads the alfalfa list.

Inoculate all Legume Seeds with

# NITRAGIN

OVER FIFTY YEARS OF SERVICE

When ordering, Always state name of seed.

#### ALFALFA AND CLOVERS (AB)

Size	Retail
1 bu. ea. ....	\$.60
2 bu. ea. ....	1.05

#### LESPEDEZA (L)

100 lb. size ea. ..	\$.60
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#### PEAS, VETCHES (All But Crown) (C)

100 lb. size ea. ..	\$.55
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#### SOYBEANS (S)

2 bu. ea. ....	\$.45
5 bu. ea. ....	.65
25 bu. ea. ....	2.75

#### BEANS (D)

**Navy, Pinto, Wax, String, Kidney and Great Northern**

1 bu. ea. ....	\$.60
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#### PEANUTS, COW PEAS (E)

Size	Retail
100 lb. size ea. ..	\$.55

#### BIRDSFOOT Trefoil—Broadleaf and Narrow-leaf

4 lb. ea. ....	\$.20
1 bu. ea. ....	.60

#### SPECIAL CULTURES—

Give name of seed when ordering. Big Trefoil, Crown Vetch, Kudzu, Garbanzo (Chick Pea), Lima Bean, Sanfoin, Sesbania, Astragalus Sp. (Milkvetch), Leucaena glauca. Others upon request.

1/8 bu. ea. ....	\$.25
1 bu. ea. ....	.70

#### GARDEN SIZE—Peas, Beans, Sweet Peas and Lima Beans.

Enough for 5 lbs. seed —Retail Price 25c ea.

### Grasses—Cont'd

**SUDAN GRASS.** For hay and pasture crop it is necessary for the soil to warm up in the spring before planting. It may be sown as late as July or August but its season will then be quite short. It is usually big enough to pasture when five or six weeks old, or sooner if it gets 12 to 14 inches tall. It grows remarkably well during the hot dry weather of July and August. As a hay crop Sudan should be cut from the time the heads begin to appear until the seeds are in the soft, dough stage. The best hay is from the early cutting. If for hay, sow about 25 to 30 pounds to the acre broadcast. For silage, sow 10 pounds to the acre in rows.

**REED CANARY GRASS.** A hardy, perennial grass adapted to low lands where other grasses will not do well. It thrives in locations where the water table is practically at the surface of the soil all the time and above the surface part of the time. Will produce two crops a year after the first year. The hay is as good as Timothy and is relished by horses and cattle. Sow 4 to 6 pounds to the acre broadcast or 2 or 3 pounds with drill.

## Clover Seed

Prices given on Special Yellow List.

**MEDIUM RED CLOVER.** This is the recognized standard of the clover family. It produces two crops each year. The first is generally harvested for hay when in full bloom. The second crop may be harvested for seed, cut for hay, or plowed under for fertilizer. Sow 6 to 12 pounds to the acre.

**ALSIKE OR SWEDISH CLOVER.** One of the hardiest varieties known. Will do better on moist land than any other clover. Suitable for either hay or pasture. When sown with other grasses, it forms a thick undergrowth and greatly increases the yield. It is frequently sown both with medium Red Clover and with Timothy. Quality of hay thus produced is excellent.

**MAMMOTH RED CLOVER.** This variety is grown mostly for pasture and for soiling. It is a very vigorous grower, but is not desirable for hay unless cut when quite young.

**WHITE OR DUTCH CLOVER.** A low close growing clover, with round white heads. Very fragrant and desirable for beautifying the lawn. It will stand close cutting and very rapidly throws up an abundance of leaves and blossoms. It is usually better to sow with other grasses. Does well on most any soil.

**LADINO.** Grows 10 to 14 in. tall. Leaves and flowers are two to four times the size of white clover. Principal use is high quality pastures. Should be grown with other grasses and legumes on fertile soil well supplied with moisture.

**SWEET CLOVER, YELLOW BLOSSOM.** This variety grows finer and more spreading than the white and is not so tall. It matures more quickly than the White Clover and for a second season the hay crop is probably preferable because of its finer stems.

**HUBAM SWEET CLOVER.** An annual white blossomed Sweet Clover which is popular in areas where Fall plowing is customary. It is less efficient than the biennial types as a nitrogen fixer but since it dies at the end of the first season, it presents no problem of eradication when Fall plowed as do the biennial types.

**BIRDSFOOT TREFOIL.** A rather short growing, long lived perennial legume not recommended where other Clovers do well, but of considerable value as a supplementary legume in pastures where soils are not so well adapted to Alfalfa and Ladino.

### Grasses

Prices given on Special Yellow List.

**KENTUCKY BLUE GRASS.** Will outlive any other grasses for pasture or lawn, but should not be cut or pastured too closely in extremely hot, dry weather. The seed is very slow in germinating, therefore, it is advisable to plant with other varieties of quicker growing habits. Makes a sweet and nutritious pasture for all stock.

**RYE GRASS, ANNUAL.** Is a very quick growing grass and for that reason makes an excellent pasture. It thrives on rich, moist land, where from three to four cuttings may be made in a season. Grows very quickly and will stand close pasturage.

**RED TOP.** As a hay crop, Red Top is next to Timothy in importance. It will do the best on rather moist soil, but will thrive on most any soil. It is a good variety to sow with Timothy or Clover for meadow or pasture.

**CRESTED WHEAT GRASS.** One of the most drought-resistant grasses. Grows fast in cool weather, but is more or less dormant in extreme hot weather. When used for pasture, no amount of abuse seems to stop its growth. For hay and pasture, compares favorably with Bromus Inermis. Sow at rate of 12 lbs. to the acre.

**ORCHARD GRASS.** Is an early fibrous rooted perennial. Its rapid growth makes it very desirable for pasture. Withstands droughts better than most grasses. Will thrive in the shade such as in orchards and lanes. When closely cropped, it grows up quickly again.

**ALTA FESCUE.** A very deep-rooted perennial grass that stands dry weather extremely well. Does well in rich or poor soil. Blades are wider and lighter colored than Blue Grass. Germinates in 7 to 10 days. Used for pastures and lawns.

**CHEWINGS FESCUE.** A fine leaved perennial, somewhat wiry, of bright green color. Does well in shade. Germinates in 10 to 14 days. Used for lawns in shaded areas and pastures.

**CREeping RED FESCUE.** Similar to Chewings Fescue but does not tend to bunch. It spreads by underground runners. It's a hardy perennial, germinating in 10 to 14 days. Use for lawns, fairways, pastures.

**MEADOW FESCUE.** Especially suited for pasture and is also fine for hay. Succeeds even in poor soil and will endure severe freezing. The hay is very nutritious and cattle thrive on it.

**BROMUS INERMIS (Brome Grass).** Its main points are its ability to control soil erosion, add humus to the soil, loosen the subsoil and serve as a good hay and pasture crop. Brome Grass is a long lived perennial which will grow well on any fertile soil. While ordinarily not grown for hay purposes it does compare favorably with Timothy in the yield and quality of hay. As a pasture grass either alone or in combination, it is palatable to all classes of livestock, is extremely hardy and drought resistant. When Bromus is seeded alone the use of 20 pounds of seed per acre is recommended and the seeding should be shallow—never over 1/4 to 1/2 inch except possibly in sandy soil.

**TIMOTHY.** As a hay crop Timothy is probably unsurpassed by any other grass. It is an ideal grass to be grown with Alsike. It is also valuable in pasture mixtures with other grasses and legumes. Sow 10 pounds of seed to the acre.

**TIMOTHY AND ALSIKE MIXED.** For those who prefer to sow Alsike Clover and Timothy together, we have a mixture that has the right proportions for growing a splendid hay crop.

## Field Corn

See Yellow List for Prices

**HYBRID SEED CORN** is a first generation cross between inbred strains. Inbred strains are developed by continual inbreeding of selected plants for several generations over a period of better than 10 years. Yields of hybrid planted seed corn will average from 7 to 11 bushels per acre higher than the regular varieties. Hybrids possess greater resistance to lodging, greater resistance to drought and higher shelling percentages.

**KINGSCROST HYBRID.** This remarkable seed corn represents many years of extensive research aimed at a superior development for the 100 to 105 maturity zone. Kingscrost KS attained the seemingly impossible by combining into one hybrid a rare stalk breakage resistance, high yield, and earliness of maturity. No longer is it necessary for northern corn belt farmers to risk the hazards of growing later hybrids for the increased yield. Kingscrost KS developed on an entirely new hybridizing principle has demonstrated in official state trials that it can yield and surpass in standability leading hybrids which are as much as ten days later in maturity.

**K F—HYBRID SEMI-DENT.** A cross between flint and dent varieties, recommended for 80-day areas. Leafy, non-suckering tall plants, high ears and stalk strength insure fall standability.

**HYBRID SILO.** 107 days. Here is a corn for silage that will give you a maximum of yield. The quality of the ear corn and foliage is unsurpassed.

**N. K. & Co.s ELEPHANT FODDER** of the yellow dent type, but grows taller and more leafy than the average yellow dent corn, therefore producing a very heavy yield. See yellow price list for prices.

## Oats

Prices given on Special Yellow List.

**CULTURE.** Sow oats at the rate of 2 to 2½ bushels to the acre, very early in the spring on a well prepared field with a modern grain drill. Deep seeding on heavy clay soil is often fatal to the crop. Two inches is deep enough on a fine, compact seed bed.

**AJAX.** An early White Oat variety introduced from Canada. Has moderate straw strength and good stem rust resistance, but only fair resistance to leaf rust and smut. Yields in the northern half of Minnesota and North Dakota have been very good. A very desirable variety for planting in the northern half of Wisc. and Minn.

**BONDA.** An early, stiff strawed variety having yellowish-white grain of superior bushel weight. It is resistant to stem rust, crown rust, smut. Recommended for Minn., Wisconsin, Iowa and Dakotas.

## Wheat

Prices given on Special Yellow List.

Sow at the rate of 75-90 pounds to the acre.

**HENRY. A Feed Wheat.** A superior yielding wheat, is moderately resistant to black stem rust, and leaf rust, while moderately susceptible to scab and covered smut. Kernels are large and of soft texture as a rule.

**MIDA SPRING WHEAT.** A bearded variety of Spring wheat. Is early in maturity, has a stiff straw, and is resistant to leaf rust.

**LEE BLUE TAG SPRING WHEAT.** Early, bearded, moderately resistant to bunt, leaf or stem rust. Little susceptible to loose smut. Short medium strength straw.

## Millet

Prices Given on Special Yellow List.

Millet is grown almost exclusively in these northern states for hay only, and we find that southern grown millet seed will produce a much heavier crop of finer hay than that grown from northern seed. We therefore offer only true southern grown seed in our millets. Sow at the rate of 25 to 30 lbs. to the acre for hay; for seed, about 15 pounds.

**EARLY FORTUNE.** One of the proso millets that matures in 50 to 60 days after sowing. Seeds reddish brown, head compact. Sow 25 pounds to the acre.

**GERMAN.** The most popular of all millets. Should be cut in full bloom, when it is most tender and sweet. Sow about 35 pounds to the acre.

**HUNGARIAN.** Is favored by some on account of its rapid growth, maturing about a week or ten days earlier than German Millet. Makes excellent hay.

**JAPANESE.** It grows from five to nine feet in height, and produces enormous crops of fine hay. If sown broadcast, sow fifteen to twenty pounds to the acre; in drills ten pounds per acre. It does best on low, moist ground.

**SIBERIAN.** Earlier than either German or Hungarian. Very valuable for the North. Is hardy and drought resistant. Excellent for hay. Not subject to rust.

## Speltz

While not quite equal to oats, it makes a fair horse feed. It yields more than wheat or barley and even the straw if cut slightly green has a good amount of feeding value. Speltz makes a fine feed for hogs and poultry. Sow in drills at the rate of 1½ to 2 bushels to the acre. Prices are given on special field seed price list.

## Soy Beans

See Yellow List for Prices.

As a hay crop, soy beans are higher in protein content than clover and equal to alfalfa hay. Do not plant too early; about corn planting time or later.

**CULTURE.** For silage, the usual amount of corn and soy beans added at the rate of 10 pounds per acre.

For hay, plant 60 to 90 pounds per acre in rows 20 to 36 inches apart. Harvest when pods are well filled and leaves commence to turn. Allow to wilt in swath, then rake up and place in small cocks. Curing sometimes requires several days and should be thorough. Soy beans drop their leaves quite easily and should be cut before any number have fallen. They should be handled as little as possible to retain the most leaves.

## Field Peas

Prices given on Special Yellow List.

Are not only profitable as a dry shelled crop, but may also be used for hay, pasture, or soiling with excellent results. Peas are second only to clover in their soil enriching properties and can be grown under almost any condition. Seed 2½ to 3 bushels to the acre.

**CANADA YELLOW.** The standard field pea of the Northwest. A dry pea for cooking, or for pigeons.

## Sunflower

**MAMMOTH RUSSIAN.** Are especially useful in the poultry run, as the large leaves furnish shade for young chicks; also, the seeds make a good addition to the poultry ration. They are very rich in oil and protein and are splendid to feed during the moult and winter months. They are also valuable for hogs. Sow 2 to 3 lbs. to the acre. Prices given on Yellow price list.

## Buckwheat

Buckwheat can be sown as late as July and still produce a crop, or it may also be plowed under for soiling. Sow ½ to 1 bushel per acre, as late as possible, and still have crop well developed before severe frosts occur. **COMMON.** Seed is a rich dark brown and larger than Silver Hull. It resists drought and blight very well and produces seed early. Refer to Yellow Lists for prices.

## Barley

Prices given on Special Yellow List.

Plant as early in spring as a good seedbed can be prepared; sow 1½ to 2 bushels per acre. Sow Barley on well drained, loam soil. Apply 200 to 300 pounds of fertilizer per acre where needed.

**MOORE.** A six-row, white, smooth awned variety with a moderately compact head. It is suitable for either malting or feed. Yields slightly more than Wisc. 38 and the straw lodges somewhat less. Moderately resistant to spot blotch and mildew but is susceptible to leaf rust, stipe, loose and covered smut.

## Flax

See Special Yellow List for prices.

Flax can be sown only about once in six or seven years on the same ground. It is a splendid crop to grow on new breaking. Helps to prepare the soil for future crops, leaving ground in a nice mellow condition. Before sowing, it is especially important to have the ground well firmed. Sow 25 to 30 pounds to the acre, as early as possible and yet avoid the last killing spring frost.

**RED WING.** A variety recommended for Central and Southern Minnesota. Red Wing was developed by the Minn. Agric. Sta.

**B 5128.** Large seeded, late maturing, tall growing and high yielding. Similar to Bison, moderately wilt resistant and excellent rust resistant.

## Rye

Prices Given on Special Yellow List.

**EMERALD.** Developed by the Minn. Exp. Sta. for Northwest growing. Has greenish colored seed, long heads and is strong strawed. Grows medium tall.

**IMPERIAL.** One of Wisconsin's newest releases. It was developed for a colorless seed and produces a medium tall plant similar to Rosen.

**ROSEN.** Is adapted for the southern portions of rye producing areas, where winters are not too severe. It is a good variety there.

## Sorghum

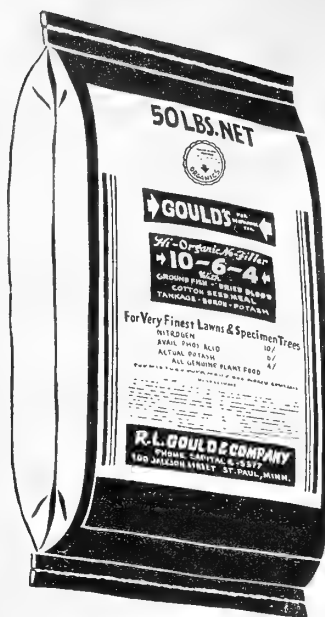
**EARLY BLACK AMBER SORGHUM.** A fine variety for cane production for the making of syrup. Plant in rows and cultivate the same as corn. Sow 2 to 5 lbs. of seed to the acre. Prices given on special yellow price list.

**WACONIA ORANGE.** An improved strain over the Amber Sorghum. Stalks are shorter but much sturdier and withstand the storms much better against lodging. Produce a high quality syrup. See special list for prices.

## Rape

**DWARF ESSEX.** An annual forage plant which may be eaten by livestock, but it is pre-eminently adapted for cattle and swine. Thrives best on good soil, rich in vegetable matter. Slough lands are excellent. Sow broadcast, 5 pounds an acre or sow in rows thirty inches apart and cultivated 1 to 2 pounds an acre. Rape may be sown as late as July 1st, and produce a fall pasture. Prices given on special field seed price list.





**GOULD'S 10-6-4 HI-ORGANIC FERTILIZER.** A no filler balanced organic plant food, containing ground fish, dried blood, cottonseed meal, tankage, boron and potash. We have had many fine comments on this remarkable plant food. Try some this year on your lawn feeding, evergreens, trees, shrubs and foliage plants. Apply only 15 lbs. to 1,000 square feet of lawn. Results will delight you. 25 lbs. \$2.75; 50 lbs., \$4.95; 2-50 lb. bags, \$9.75.

**ALUMINUM SULPHATE.** For making the soil acid, needed for certain plants. Use one lb. to 10 sq. ft. of surface. 1 lb., 30c; 5 lbs., 80c; 10 lbs., \$1.35; 25 lbs., \$2.00.

**CATTLE MANURE SHREDDED.** A good form of fertilizer where a supply of humus as well as fertilizing elements is needed. Suitable for soil mixing and liquid manure. 25 lbs., \$1.25; 50 lbs., \$2.25; 100 lbs., 4.40.

**SHEEP MANURE—PULVERIZED.** A quick acting plant food for general use about the lawn, flower beds or garden. For lawns, use 50 pounds per 1,000 square feet. 5 lbs., 50c; 10 lbs., 75c; 25 lbs., \$1.25; 50 lbs., \$2.00; 100 lbs., \$3.85.

**JOHNDELL SHEEP AND BONE MEAL.** A mixture of these organic fertilizers. 4 lbs., 50c.

**SULPHATE OF AMMONIA.** A valuable fertilizer for all plants in which rapid growth or large leaf development is desired. 5 lbs., 75c; 10 lbs., \$1.25; 25 lbs., \$2.00; 50 lbs., \$3.25; 100 lbs., \$5.50.

**LIMESTONE PULVERIZED.** Sweetens, also improves the texture of the soil and liberates nitrogen and other plant foods, and stimulates bacterial action. 5 lbs., 35c; 10 lbs., 50c; 25 lbs., 65c; 100 lbs., \$1.50.

**AGRICULTURAL LIME.** Excellent for sweetening acid soils. 5 lbs., 35c; 10 lbs., 60c; 25 lbs., 85c; 50 lbs., \$1.30; 100 lbs., \$2.55.

**ARMOUR'S 10-8-6.** A high analysis fertilizer, recommended for lawn, trees and shrub feeding. 80 lbs., \$5.25.

### Gould's Potting Earth

A scientific mixture of earth, peat, etc., to give you soil in which house plants will do their best, and thrive.

	10 lbs.	25 lbs.	50 lbs.	100 lbs.
All-Purpose .....	35c	\$ .75	\$1.35	\$2.50
African Violets .....	75c	1.25	2.00	3.50
Tub. Rooted Begonias .....	75c	1.25	2.00	3.50

**AGRICULTURAL GYPSUM OR LAND PLASTER.** Is a fertilizer containing calcium and sulphate sulphur. Also used as a dust against the cucumber beetle and squash bug by dusting on and around the plants when infested. 5 lbs., 35c; 25 lbs., 85c; 100 lbs., \$2.00.

When not priced for larger amounts, see Special Yellow Price List. Prices subject to change without notice.

**GOLF BRAND TURFOOD.** A blend of organic and inorganic plant foods that produce immediate results on lawns. Analysis, 10-6-4. Use only 8 to 10 lbs. on established lawns; 16 to 20 lbs. on new lawns to each 1,000 sq. ft. of lawn. 25 lbs., \$2.50; 50 lbs., \$3.95.

**GO-WEED & TURF FOOD.** A high analysis organic plant and lawn food (6-10-4) with 2, 4-D. Use 15 lbs., to 1000 sq. feet of lawn to fertilize and kill weeds, followed in two weeks with 10 lbs. over same area. Price, 10 lbs., \$1.75; 25 lbs., \$3.65; 50 lbs., \$6.75; 80 lbs., \$10.50.

**DRICONURE—PLANT FOOD.** The all-organic animal-manure in dehydrated and finely pulverized form. Use it for the lawn, shrubs, flower beds or vegetable garden. Can also be used as a liquid fertilizer. 1 lb., 25c; 7½-lb. bag, 85c; 25 lbs., \$2.15; 50 lbs., \$3.60; 80 lbs., \$5.25.

**BONE MEAL STEAMED SPECIAL (2-26-0).** An effective fertilizer in gardens and orchards. Popular among greenhouse men for potting and for fertilizing bench stock. Apply 50 pounds per cubic yard for benching, pot plants, etc. 5 lbs., 75c; 10 lbs., \$1.35; 25 lbs., \$2.85; 50 lbs., \$4.50; 100 lbs., \$7.50.

**BONE MEAL, RAW.** Does not break down or decompose as quickly as steamed but it is better for crops not needing quickly available food. It is excellent for rose beds, vines, shrubs and trees. 5 lbs., 85c; 10 lbs., \$1.50; 25 lbs., \$3.00; 50 lbs., \$4.75; 100 lbs., \$8.00.

**GOLDEN VIGORO, 6.10.4** analysis. Made especially for lawn feeding. May be applied to wet or dry grass . . . when it is hot or cold without the least danger of burning when used in recommended amounts. Just one feeding lasts a season. Golden Vigoro releases its nutrients uniformly over a three to four month period to keep your lawn deep green and beautiful. You need only one to three pounds to each 100 square foot area of Golden Vigoro, which contains all the food elements needed to develop the finest, deep rooted grass. Golden Vigoro is sanitary, clean and odorless. 50 lbs., \$3.95; 25 lbs., \$2.60.



**REGULAR VIGORO, 6.10.4** analysis. A complete plant food containing all the major plant foods as well as trace elements needed. Vigoro supplies the vital food elements growing things MUST HAVE from the soil. Well nourished plants from proper feeding is the key to gardening success. You get this in Vigoro. Use it in feeding flowers, trees, shrubs, hedges and vegetable crops.

### PRICES F. O. B. ST. PAUL

50 lbs.,	2.65	10 lbs.,	\$1.00
2-50 lbs.,	5.25	5 lbs.,	60c
25 lbs.,	1.75	1 lb.,	15c

**VIGORO ROSE FOOD.** A special food for roses, to produce sturdy, healthy growth and beautiful bloom. 5 lbs., 85c; 10 lbs., \$1.40; 25 lbs., \$3.20.

**INSTANT VIGORO.** Complete plant food in concentrated form for liquid plant feeding. Price, 8 oz., 80c; 16 oz., \$1.13; 3 lbs., \$3.00; 25 lbs., \$13.35; 50 lbs., \$22.40.

**BORDEN'S 38% NITROGEN FERTILIZER.** Especially valuable for feeding turf, evergreens, trees, etc. Releases its nitrogen slowly, to last all season. 2½ oz., 49c; 1 lb., \$1.00; 5 lbs., \$3.25; 25 lbs., \$10.50; 50 lbs., \$17.00.

**PREMIER PEAT MOSS.** Leading authorities recommend peat moss as the best solution to most soil problems. It provides to your soil the essentials of plant life—moisture and air. It keeps soil loose and loam-like, so that roots spread out and plants grow to full luxuriance. 1 peck, 70c; 3 peck size, \$1.20; 1 bushel, Pick-up, \$1.75; 2 bushel Satchel, \$2.50; 1½ cu. ft. Karry Bale, \$2.80; 4 cu. ft. Handy bale, \$4.25; 6 cu. ft. large bale, \$5.50.

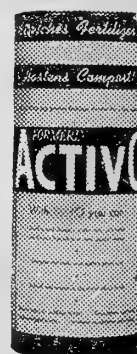
**BLOOD MEAL.** 13½% organic nitrogen. Readily available, finely ground. Use under glass where quick response is desired. 2 lbs. to 4 lbs. per 100 square feet. 5 lbs., \$1.50; 10 lbs., \$2.50.

**FISH MEAL.** Lb., 35c; 5 lbs., \$1.25; 10 lbs., \$2.00; 25 lbs., \$4.00; 50 lbs., \$7.50; 100 lbs., \$13.00.

**ACTIVO.** Converts weeds, lawn clippings, leaves, also garbage into rich, odorless humus plant food, in two to six weeks. This mineral rich humus will work wonders for you in the garden.

No. 2 size, for up to 400 lbs. compost . . . \$ 1.00  
No. 7 size, for up to 1700 lbs. compost . . . 2.95  
No. 20 size, for up to 2 tons compost . . . 5.95  
No. 50 size, for up to 6½ tons compost . . . 11.95  
No. 100 size, for up to 12 tons compost . . . 19.95  
Nos. 2, 7 and 20 postpaid. Nos. 50 and 100 f. o. b. St. Paul

**ADCO (Makes Artificial Manure).** Adco is a powder which when mixed with dry leaves or almost any non-woody vegetable waste and kept moist, converts the mass into artificial manure—equal to the farmyard product, but free from foul odor. 5 lbs., \$1.50; 20 lbs., \$3.75; 100 lbs., \$17.50.

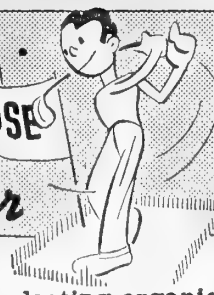


for a BEAUTIFUL, LUXURIANT LAWN . . .

USE WHAT THE GOLF CLUBS USE

# MILORGANITE Fertilizer

Golf clubs use more Milorganite than any other fertilizer—because it is the ideal turf fertilizer; also excellent for shrubs, trees, and gardens. This scientifically prepared, natural plant food is rich in long-lasting organic nitrogen—which is the most important element needed for healthy plant growth. In addition, Milorganite contains 15 other valuable elements. Only one application in spring and fall necessary. Non-burning, long-lasting. 40 lbs., \$2.40; 80 lbs., \$4.00.



**ARMOUR'S VERTAGREEN**—5-10-5. Vertagreen is a high quality, scientifically blended and balanced plant food, excellent for obtaining more prolific growth of lawns, flowers, shrubs, trees and garden vegetables. It is clean, odorless and easy to apply.

Vertagreen nourishes plants three important ways: (1) develops stronger, deeper root systems; (2) builds sturdier, more disease-resistant stems and leaves; (3) makes finer flowers, fruit and vegetables. 5 lbs., 55c; 10 lbs., 95c; 25 lbs., \$1.70; 50 lbs., \$2.50; two 50-lb. bags, \$4.95; 100 lbs., \$4.85.



**LEAF MOLD.** Thoroughly decomposed, purely organic. Fine for seedling and potting earth. 5 lbs., 50c; 10 lbs., 75c; 25 lbs., \$1.15; 50 lbs., \$1.85; 100 lbs., \$3.00.

**N.K. LAWN FOOD.** 10-6-4, 30% organic, 70% inorganic. 25 lbs., \$2.50; 50 lbs., \$3.95.

**DU PONT SOLUBLE PLANT FOOD.** 19-22-16. Fast-acting. Feed through leaves or roots. 6 oz., 69c; 1½ lbs., \$1.95; 4 lbs., \$3.50.

**TRI-GEN ROSE FOOD.** A 5-10-5 organic rose food, enriched with hormones and vitamin B<sub>1</sub>. 5 lbs., 89c; 10 lbs., \$1.49; 25 lbs., \$3.25; 80 lbs., \$7.50.

**ATLAS FERTILIZER EMULSION.** Organic plant food derived from fish. 4 oz., 39c; pt., \$1.00; qt., \$1.90; gal., \$6.25; 5 gal., \$26.00.

**HY-GRO SOLUBLE PLANT FOOD.** Contains 13% nitrogen, 26% phosphoric acid and 13% potash, also minor elements together with growth hormones. Use to feed lawns, when transplanting seedlings, to feed established plants. 3 oz., 30c; 16 oz., \$1.19; 5 lbs., \$2.80; 10 lbs., \$4.50. 2 lbs. HY-GRO with Gat Spreader, \$2.75.

**VIOL-GEN.** For African Violet growers. A kit contains rooting medium, plant food, potting mixture and insect spray, for the proper culture of African Violets. Price, \$2.25.

**VIOL-GEN PLANT FOOD.** Quick soluble African Violet plant food, rich in vitamins and hormones. 3 oz., 50c.

**PLANTABBS—PLANT FOOD TABLETS.** Plantabbs provide a rich formula of complete, balanced, odorless, concentrated, clean, easy-to-use plant food of recognized value, which helps produce sturdy stems, luxuriant leaf, strong roots, gorgeous blooms, perfect form and color PLUS Vitamin B<sub>1</sub>. For plants and flowers, both indoors and gardens. 30 tablets, 25c; 75 tablets, 50c; 200 tablets, \$1.00; 1,000 tablets, \$3.50.



**GRO-STUF.** A 20-20-20 water soluble plant food, plus hormones and trace elements. Fine for African Violets and begonias. 5 oz., 49c; 1 lb., \$1.25; 4 lbs., \$3.75.

**GRO-PLUS.** 16-16-16 100% water soluble plant food for use by the home gardener. 1½ lb. pkg., \$2.25; 5 lbs., \$5.00.

**FOLIUM.** A 20-20-20 water soluble concentrate plant food. 2 oz., 25c; 1 lb., \$1.25; 5 lbs., \$4.50; 25 lbs., \$13.25; 50 lbs., \$22.50.

**PLANT MARVEL.** A quick acting, 12-31-14 water soluble plant food. Use for indoors or outdoors. A starter solution. Price, 1 oz., 35c; ½ lb., 75c; 1 lb., \$1.25; 10 lbs., \$8.75.

**STIMULANT AFRICAN VIOLET FOOD.** A specially formulated food developed to bring out luxuriant growth and better blooms in your African violets. ¾ oz., 15c; 3 oz., 35c; 7 oz., 60c.

**STIMULANT ROSE FOOD.** A plant food for roses, to produce beautiful blooms and strong healthy bushes. 1½ lbs., 29c; 5 lbs., 80c; 10 lbs., \$1.50; 25 lbs., \$2.75.

**G. & O. ROSE FOOD.** An organic no-filler plant food of dried blood, fish scrap, bone meal, Guano, potash, cottonseed meal, super-phosphate, and powdered poultry manure. Feed this splendid Rose Food and you will get larger blooms, finer color and foliage and sturdier plants, less subject to disease. Follow directions on the package. 1 lb., 35c; 5 lbs., 85c; 10 lbs., \$1.45; 25 lbs., \$3.25; 50 lbs., \$5.50; 80 lbs., \$8.35.



Please add postage on mail orders: Parcel Post rate given on Page 2.



**HYPONEX** is a clean, odorless powder, complete starting and growing solution and balanced plant food, soluble in water. Will grow plants in soil, sand or water. Hyponex contains Vitamin B<sub>1</sub>. Wonderful for house plants and the flower and vegetable garden. One pound of Hyponex will make 100 gallons of liquid plant food. Will not burn foliage or roots when used in solution as directed on container. 1 oz., 10c; 3 oz., 25c; 7 oz., 50c; 1 lb., \$1.00; 10 lbs., \$8.00; 25 lbs., \$15.00.

**G & O BULB FOOD.** An organic plant food especially for dahlias and gladioli as well as tulips, daffodils, lilies and all bulbs or tubers. Analysis: 5% nitrogen, 6% phosphorus, 15% potash. Price, 5 lbs., 85c; 10 lbs., \$1.45; 25 lbs., \$3.25; 50 lbs., \$5.50.

**RA-PID-GRO.** Contains Vitamin B and 23-21-17 concentrate to make a liquid plant food. Ra-Pid-Gro is composed of only the purest chemicals, vitamins and hormones, also trace elements which plants require, and which the soil you have may of been depleted by continuous cropping. Use Ra-Pid-Gro for soil or leaf feeding. One pound makes 44 gallons of nutritious plant food solution. Feed everything you grow with Ra-Pid-Gro. Price, 2 oz., 25c; 8 oz., 69c; 1 lb., \$1.25; 2 lbs., \$2.35; 5 lbs., \$4.50; 10 lbs., \$8.75; 25 lbs., \$21.00.

**NEW PLANT LIFE.** A complete wonder liquid plant food to grow large, beautiful plants and flowers. 3-oz. bottle, 29c; 8 oz., 59c; 16 oz., 98c; 1 qt., \$1.65; 1 gal., \$4.00.

**MAGIC GREEN FINGERS.** A B plant stimulant for growth and beauty. Especially good to use on house plants or window boxes, where the B vitamin is so often lacking. Simply insert Magic Green Finger into soil of flower pot or for each plant in window box. 35 Fingers, 49c. Add 5c for mail orders.

**THRIVE.** Liquid plant food for African Violets. 4 oz. squeeze bottle, 79c.

**FERRO FTE.** Trace elements in slowly soluble form, for all plants. Stimulates root and top growth in poor soils. 1 lb., \$1.00; 5 lbs., \$2.95.

**GARDEN LIFE PLANT FOOD.** A high analysis plant starter (10-52-17)—plus rooting hormones. Hormones develop new roots quickly. Plant Starter supplies needed ingredients immediately. Plants mature earlier, bear longer. Price, 2 oz., 25c; 5 oz., 50c; 14 oz., \$1.00; 2 lbs., \$2.25; 5 lbs., \$4.50.

**TAKE-HOLD (10-52-17)**—3 lbs., \$1.00; 1 bale (15 3-lb. pkg.) \$13.00; 50 lbs., \$12.00.



# INSECTICIDES and FUNGICIDES

Please Add Postage On Mail Orders.



**ACME ALL ROUND SPRAY.** For roses, flowers, shrubs, vegetables and fruit trees. A one application protection against both insects and fungi such as rose chafer, thrip, black spot, downy mildews, leaf spot, many rusts, Japanese beetle, leafhopper, flea beetle, aphids, cabbage worm and many others. Suitable for dusting or spraying. 1 lb., \$1.20; 3 lb. carton, \$2.30.

**ACME ALL ROUND BOMB.** 10 oz. Self Sprayer, \$1.50.

**ACME ALL ROUND PUMP GUN.** 8 oz., 90c. **SQUEEZE DUSTER.** 8 oz., \$1.19.

**ACME FRUIT TREE SPRAY.** For insect and disease control. 12 oz., \$1.45; 2 lbs., \$3.25.

**ACME ROSE DUST.** Use as dust or spray. 8 oz. Squeeze Duster, \$1.39; 8 oz., pump gun, \$1.10; 2 lb. ctn, \$2.10.

**ACME MALATHION 50% SPRAY.** A new control spray against red spider, aphids, mealybugs, scale, etc., on evergreens, roses, shrubs, etc. 1 oz., 50c; 4 oz., \$1.25; Pt., \$3.30; Qt., \$5.25; Gal., \$17.00.

**ACME 5% D.D.T.** 1 lb. Sifter top can, 50c; 4 lb. bag, \$1.30.

**ACME ARSENATE OF LEAD.** For control of leaf-eating insects on fruit trees, vegetables, flowers, bushes and for killing grubs and earthworms in the lawn. Price: 1 lb., 90c; 4 lbs., \$2.40.

**ANIMAL REPELLENT ROPE.** All animals hate the odor. Repels dogs, cats, rabbits. Rope not affected by rain. Tin of 100 ft., \$1.50.

**ANTROL AEROSOL FLOWER BOMB.** Kills aphids, mites, thrip, mealy bugs, white flies, etc. 12 oz., \$1.49.

**ANTROL AFRICAN VIOLET INSECT BOMB.** Also for other house plants. 6 oz., 89c.

**ARAMITE-15W.** For control of red spider and mites on evergreens, roses, shrubs, shade trees, etc. 4 oz., \$1.00 (makes 16 gals.); 12 oz., \$2.00; 4 lbs., \$3.20; 50 lbs., \$34.50.

**BENZO FUME** (Pressure Fumigator). For the control of greenhouse red spider. Case of 12-1 lb. cans, \$7.00; 6-1 lb., \$3.75; 1 lb., 75c; 12-1/2 lb. cans, \$4.25; 6-1/2 lb., \$2.25; 1/2 lb., 45c.

**BLACK FLAG FLY-DED AEROSOL.** Contains 2% DDT. Kills mosquitos, flies, gnats, etc. 11 oz., 79c.

**BLACK FLAG ROACH & ANT KILLER.** 12 oz. Aerosol, 98c.

**BLACK FLAG INSECT KILLER AEROSOL.** Contains 2% DDT. Kills mosquitos, flies, flying moths, roaches, ants, spiders. 6 oz., 69c; 12 oz., \$1.19.

**BLACK FLAG MOTH-DED AEROSOL.** 11 oz., \$1.00.

**BLACK FLAG DWIN AEROSOL.** Kills flies, mosquitos, moths, roaches. 12 oz., \$1.69.

**BLACK FLAG INSECT SPRAY.** Kills mosquitos, flies, moths, roaches, ants, bedbugs, fleas. Pt., 39c; qt., 65c.

**BLACK FLAG GUARANTEED BUG KILLER.** Guaranteed to kill roaches, ants, waterbugs, silverfish, spiders, etc. Pt., 69c; qt., \$1.19.

**BLACK LEAF 40.** This is a 40% nicotine, valuable for the control of plant lice and other sucking insects. It kills by contact and penetrating fumes. 1 oz., 49c; 5 ozs., \$1.39; 1 lb., \$2.98; 5 lbs., \$7.60; 10 lbs., \$14.70.

**BLACK LEAF 40 GARDEN DUST.** Contains Nicotine, Rotenone and Pyrethrum for control of many chewing and sucking insects. 1/2 lb., 89c; 1 lb., \$1.19.

**BLACK LEAF 10% LINDANE SPRAY.** For chewing insects, soil insects, flies and mosquitoes. 1 oz. 39c; 5 oz. \$1.19; 1 pt. \$2.69.

**BLACK LEAF 50% MALATHION SPRAY.** Controls Mites and Scale insects, etc. 5 oz. \$1.39; 1 pt. \$2.98.

**BLACK LEAF 45% CHLORDANE SPRAY.** Kills wireworms, earthworms, termites, ants, roaches, Etc. 1 oz. 39c; 5 oz. \$1.19; 1 pt. \$2.69.

**BLACK LEAF WHITE OIL SPRAY.** (emulsifiable) Controls scale, mites, mealybugs. A sticker for dry insecticide, also a spreader. 5 oz. 39c; 1 pt. 79c; 1 qt. \$1.29.

**BLACK LEAF 25% PHYGON FUNGICIDE.** For black spot, mildew, etc. 4 oz. 69c.

**BLACK LEAF ARSENATE OF LEAD.** Kills chewing insects and soil insects. 1/2 lb. 49c; 1 lb. 89c.

**BLACK LEAF 5% CHLORDANE DUST.** For lawn and soil insect control. 1 lb. 49c; 4 lbs. \$1.69.

**BLACK LEAF DIELDRIN GRANULAR.** Controls same pests as chlordane. 1 lb. 98c; 4 lbs. \$3.49; 12 1/2 lbs. \$7.49.

**BLACK LEAF 50% DDT WETTABLE POWDER.** Kills chewing insects and soil insects. 1/2 lb. 49c; 1 lb. 89c.

**BLACK LEAF 1.00% ROTENONE DUST.** Harmless to humans, but kills bean beetles, cabbage worm, asparagus beetles, lice on animals. 1 lb. 49c; 4 lbs. \$1.69.

**BLACK LEAF SLUG & SNAIL PELLETS.** Kills slugs, cutworms, etc. Easy to use. 4 lbs. \$1.59.

**BLACK LEAF FLY SPRAY.** For household and dairy use. 1 qt. 69c; 1 gal. \$2.19.

## NO-SEED HORMONE *Blossom-set*

Produce ripe tomatoes weeks earlier. Seedless, better tasting and more tomatoes.

**Just spray the blossoms.** Keeps blossoms from falling. . . . Increases yield on beans, berries. Effective on peppers, cucumbers, eggplant, squash also. TESTED and PROVED by Universities and Experiment Stations. 4 oz., 76c (makes 1 gal.); pint size, \$1.75; 12 oz. aerosol, \$1.79.

**BORAX** (Refined). Used as a soil conditioner. 10 lbs., \$1.25; 25 lbs., \$2.50; 50 lbs., \$4.00; 100 lbs., \$7.50.

**BORDEAUX.** Controls blight, rot, mildew, scab, anthracnose and certain other fungus diseases. 1 lb., 80c; 4 lbs., \$1.95; 48 lbs., \$20.00.

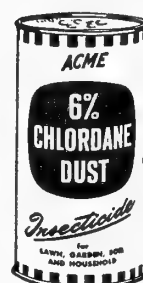
**BORERKIL.** A preparation that kills borers in trees, shrubs, etc. Also a dog repellent. 2-oz. tube, \$1.00.

**BUG BLASTER DUST GUN.** A one-dust control of insects and fungus on vegetables and flowers. 8 oz. size, 69c; 2-lb. re-fillable carton, \$1.98.

**CALCIUM CHLORIDE** (Dow Flakes). Absorbs basement moisture, also keeps dust down on paths, driveways, tennis courts, etc. 25 lbs., \$1.30; 100 lbs., \$4.15.

**CARCO X.** For control of ants, slugs, termites, wireworms, carrot worm, root maggots, nematodes and other insects. Price, 1/2 pt., \$1.25; 1 pt., \$1.85; 1 qt., \$3.00; 1 gal., \$8.75; 5 gal., \$40.00.

**CHAPERONE** (Dog Repellent). **Powder:** For keeping dogs off rugs and furniture. Odorless to humans and does not stain, but is repulsive to dogs. 1 oz., 49c; 3 oz., \$1.00. **Liquid:** For outdoor and garden use. Keeps dogs away from trees, shrubs and plants, 4 oz., 89c; 8 oz., \$1.29; 1 qt., \$3.98; 1 gal., \$9.95.



**6% CHLORDANE DUST.** For dusting in gardens and on lawns to control ants, cutworms, chinch bugs, chiggers, earwigs, slugs, snails, sowbugs, sod webworms, wireworms, white grubs, including Japanese beetle grubs, root infesting maggots and many others. In the home for cockroaches, ants, silverfish, carpet beetles, crickets, etc. 1 lb., 65c; 4 lbs., \$1.65.

**CHLORDANE-45.** For gardens, field crops, farm livestock, farm buildings, the home. Kills grasshoppers, ants, roaches, aphids, flea beetles, plum curculio, many others. 1 oz., 39c; 4 oz., 75c; 1/2 pt., \$1.25; 1 pt., \$1.95; 1 qt., \$2.95; 1 gal., \$9.00; 5 gals. at \$7.73 per gal.

**COPPER SULPHATE** (Blue Vitriol) Powder. Is used for making Bordeaux Mixture by dissolving 4 pounds Blue Vitriol and 4 pounds Hydrate or Stone Lime in 50 gallons of water. This will make a 4-4-50 Bordeaux. 1 lb., 60c; 10 lbs., \$3.50; 25 lbs., \$7.00; 50 lbs., \$12.50; 100 lbs., \$23.50.

**CORROSIVE SUBLIMATE, OR MERCURY BICHLORIDE.** Very effective against seed-borne diseases of potatoes, cabbage, cucumbers, etc., also for the control of root maggot in cabbage, cauliflower, radish and other allied crops. 1 oz., 85c; 1/4 lb., \$2.75; 1 lb., \$7.00; 5 lbs., \$24.50.

**CRAG HERBICIDE 1.** Applied with sprayer or sprinkling can on moist soil, Crag will kill germinating weed seed or seedlings that have started in the upper layer of soil. Will not injure plants with deep root system, or injure your good plants, even if sprayed on leaves. 4 oz. treats 3,000 sq. ft. 4 oz. size, \$1.50; 1 lb., \$4.49.

**CROW REPELLENT—G & O.** Saves re-seeding by protecting planted corn from crows, pheasants, gophers, squirrels and other rodents. 1 pt., 60c; 1 qt., \$1.00.

**CYANOGENAS** (Calcium Cyanide). **Cyanogas A. Dust.** For ants, moles, rats, gophers. Grade "A" Cyanogas is recommended because of its ease of application and high efficiency. Highly recommended for rat control. 1 lb., \$1.25; 5 lbs., \$4.25; 25 lbs., \$13.75; 100 lbs., \$31.00.



**Cyanogas Ant Killer.** Ants die instantly when you drop a little Cyanogas Ant-Killer into the entrance of nest. 4 ozs., 50c.



**Cyanogas G. Fumigant.** Insects which do not yield to stomach poisons as a rule can be controlled by fumigation and Cyanogas G. is a standard for greenhouse fumigation. Ease of application, high-efficiency and low cost have gained for Cyanogas G. Fumigant the endorsement of leading growers all over the world. 5 lbs., \$4.25; 25 lbs., \$13.75.

**DEE DEX "25".** Outdoor mosquito spray, lasts for weeks. Contains no DDT. Harmless to lawns, plants, shrubs, bees and birds. 1 pt., \$1.69; 1 qt., \$2.79; 1 gal., \$8.95.

**DENDROL.** A miscible oil for Dormant and Delayed Dormant spraying of Fruit and Shade trees and shrubbery. Ask for booklet on Dendrol. 1 qt., 85c; 1 gal., \$2.00.

**DIELDRIN EC-15.** A new insecticide for the control of crop, fruit and household insects, also turf pests, grubs, snails, slugs, cutworms, wireworms, etc. 4 oz., 75c; 1 pt., \$1.95; 1 qt., \$3.25; 1 gal., \$8.95.

**DIMITE.** Quick contact control of red spider and mites on evergreens, flowers and trees. 1 oz. makes 6 gals. of spray. 2 oz., 75c; 8 oz., \$2.00; 1 qt., \$2.75; 1 gal., \$10.00.

**DORMATONE.** Prevents sprouting, softening and shriveling of potatoes and other root crops in storage. 1 lb. treats 11 bushels. 12 oz., \$1.00; 5 lbs., \$5.50; 20 lbs., \$16.00.



**DOGZOFF.** Protects your evergreens, trees, plants, birds, lawns from dogs, cats, moles, mice, rabbits, etc. There is nothing offensive to humans about Dogzoff. Price, 3 oz., 75c; 1 pt., \$2.50; 1 qt., \$4.00; 12 oz. Aero-sol dispenser, \$2.25.

**Du Pont Floral Dust.** Combines methoxychlor, "fermate," sulphur and rotenone for complete control of insects and disease. Use as spray or dust. Price, 8 oz. Dust Gun, 98c; 8 oz. squeeze, \$1.19; 1 lb. can \$1.25; 3 lb. bag, \$2.75.

**Du Pont 50% Tech. Methoxychlor.** A wettable powder insecticide for use on many plants, animals and buildings. Price, 8 oz., \$1.00.

**Du Pont Fruit Tree Spray.** For apples, cherries, pears, plums, strawberries, currants, etc. Kills insects, controls scab, rust, etc. Price, 1 lb., \$1.25; 3 lbs., \$2.75.

**Du Pont Vegetable Garden Dust.** All-purpose control of insects and disease. Use as spray or dust. Price, 8 oz. Dust Gun, 98c; 8 oz. squeeze, \$1.19; 1 lb., \$1.25; 3 lbs., \$2.75.

**Du Pont Tomato Dust.** Specially for tomato control of bugs and blight. Use as dust or spray. Price, 8 oz. Dust Gun, 89c; 8 oz. squeeze, \$1.10; 2 lb. bag, \$1.25.

**Du Pont Aphid & Mite Spray.** Kills plant lice, mites and other insects. Price, 1 oz., 49c; 4 oz., \$1.25; pt., \$3.25.

**Du Pont Rose Insecticide & Fungicide Dust.** For complete insect and disease control. Price, 8 oz. dust gun, \$1.29; 8 oz. squeeze, \$1.49; 1 lb., \$1.69; 3 lbs., \$3.75.

**Du Pont Dormant Spray Oil.** Controls scale on shrubs, fruit and shade trees. Price, 1 Qt. \$1.25.

**Du Pont Fermate.** (ferbam) For control of black spot and rust on roses, leaf spot and rust on mums, apple scab, grape black rot, etc. Price, 8 oz., \$1.00; 3 lbs., \$2.75; 50 lbs., \$40.00.

**Du Pont Fungicide-A.** (parzate) Serves same purpose as Bordeaux or sulphur. Price, 6 oz., 85c.

**Du Pont 50% D.D.T.** A wettable powder for mosquito and fly control, and other insects. Price, 1 lb. 90c.

**DuraDust No. 50DDT.** A high grade wettable dust. 1 lb., 90c; 4 lb. bag, \$2.24; 50 lbs., \$20.00.

**D.X. Aero Spray.** For house plants. 10 oz., \$1.50.



End o Pest gives you three-way dust control over most garden pests—chewing insects, sucking insects and fungus diseases, in

one operation. Just a few strokes of this dust gun and your plant is covered with a protecting film. Dust gun comes to you all filled and ready for use.

End o Pest Dust Gun and Cartridge.....98c

End o Pest Refill Cartridge.....75c

End o Pest 2-lb. Refill.....\$1.95

**End-O-Pest Malathion.** For control of mites, aphids, white flies, brown scale and mealy bugs. 2 oz., 70c; 6 oz., \$1.50.

**End-O-Pest Rose & Garden Spray.** 15 oz., Aerosol, \$1.75.

**End-O-Weed Spot Weeder.** 12 oz. Aerosol, \$1.90; 15 oz. refill, \$1.40.

**End-O-Pest Tree Spray.** Controls insects and fungus diseases. 1 lb., \$1.75; 3 lbs., \$4.55.

**End-O-Pest Rose Dust.** A three-way dust for control of insects and disease. Price, 10 oz. gun, \$1.49; 10 oz. refill, \$1.25; 20 oz. pkg., \$2.00; 3 lb. bag, \$3.77.

**End-O-Pest Arc.** In liquid or dust for ant, roach or chigger control in house or garden. Liquid, 6 oz., \$1.15; 1 pt., \$2.45; Dust, 1 lb., 75c; 4 lbs., \$1.97.

**EVER GREEN.** A Pyrethrum spray. Deadly to many varieties of both sucking and chewing insects in the home garden—such as aphids (plant lice), leaf hoppers, cabbage worms, Mexican bean beetles, and rose slugs. Will not harm the most tender foliage. 1 oz., 40c; 6 oz., \$1.35; 16 oz., \$2.90; 1 gal., \$15.90.



**Emo-Nik.** For control of aphids, mealy bugs, red spider, thrip, white flies, rust mites, mildew, certain scale insects and other garden pests. Price: 4½ oz., 45c; 1 pt., 90c; 1 qt., \$1.40; 1 gal., \$3.50.

**FORMACIDE (Formaldehyde Dust).** A triple strength seed and soil disinfectant used as a control of damping-off; also makes seedling plants stronger and healthier. Controls Oat Smut and seed-borne diseases of grain. 1 lb., 95c; 4 lbs., \$2.50; 25 lbs., \$11.00.

**FORMALDEHYDE.** For protection against seed-borne diseases. Will prevent potato scab, oats smut and stinking smut of wheat, also onion smut. 1 lb., 50c; 1 gal., \$3.00. Ask for price on larger quantities.



Hormone spray for preventing pre-harvest drop of apples. Holds apples on the tree longer. Stops premature drop of flowers and leaves on vegetables. Spray for seedless tomatoes. 2/5 oz., 25c; 2 oz. can, \$1.00; 12-oz. can, \$5.00.

**GARDEN GUARD.** Noninjurious to humans yet effective both by contact and as a stomach poison against insects. Especially recommended for use on cabbage, cauliflower, string beans, currants, and sweet corn.

**Pyrethrum Garden Guard.** 4 lbs., 75c.

**Rotenone Garden Guard.** 1 lb., 60c; 4 lbs., \$1.50; 50 lbs., \$15.00.

**GRAFTING WAX.** This has an even consistency which will give best results for sealing cuts or bruises in fruit and shade trees ¼ lb., 40c; ½ lb., 75c; 1 lb., \$1.25; 5 lbs., \$5.00.

**GRAPE AND ROSE DUST.** Especially recommended for mildew on roses and grape vines. Preferable applied with duster. 1 lb., 65c; 3 lbs., \$1.25.

**6-12 INSECT REPELLENT.** Prevents mosquitoes, fly, flea and chigger bites. Odorless, non-irritating, no grease or oil. 59c bottle or stick; 12 oz. Aerosol, \$1.39.

**KOPPER KING.** Contains 50% copper, twice as much as ordinary copper sulphate. Can be used either as a liquid spray or combined with a carrier in making a homemade dust. Price: 4 lbs., \$1.40.

**LETHANE B-72.** A fast-acting contact spray for aphids, leafhoppers, and thrips. 5 lbs., \$2.25.

**LIME SULFUR POWDER.** For use in dormant spraying against scale, peach blight, leaf curl and twig borer. Summer spraying against scab, blotch, red spider and mite. Price: 1 lb., 85c; 5 lbs., \$3.55; 100 lbs., \$31.65.

**LIME-SULPHUR, CONCENTRATED SOLUTION.** Requires no preparation other than stirring into water. One of the best remedies for San Jose scale. 1 qt., 65c; 1 gal., \$1.60; 5 gals., \$7.00. Barrel price on application.

**LINDANE.** 5% spray. Controls insects and bugs in garden, as well as flies around exterior of home, by contact, vapors, or when eaten. 1 oz., 40c; 4 oz., 75c; 16 oz., \$2.40.

**MONSANTA BOGEY.** Use as dust or spray for garden bugs, plant diseases. 6 oz., 89c; 1 lb., \$1.25.

**N.N.O.R. ROTENONE GARDEN SPRAY.** This Double Action Garden Spray makes the killing power of Rotenone more effective. It penetrates the hairy and waxy covering of insects. 16 oz., \$2.15.

**NAPHTHALENE FLAKES.** Repels such soil pests as: wire worms, maggots, moles, gophers, etc. It can be used without burning or flavoring even the most tender root crops. Highly recommended by bulb growers for protection against thrips, white fly and certain other insects. Refined. ½ lb., 30c; 1 lb., 45c; 5 lbs., \$1.85; 10 lbs., \$3.50; 25 lbs., \$6.50; 100 lbs., \$22.50.

**NICO FUME LIQUID.** A nicotine solution for greenhouse fumigation. 1 lb., \$3.05; 2 lbs., \$4.00; 8 lbs., \$13.80.

**"NICO-FUME" PRESSURE FUMIGATOR (Tobacco Powder).** A greenhouse fumigant, effective for destroying aphids, thrips, etc. The one-pound can will fumigate about 25,000 cubic feet—a house 80 to 100 feet long, 25 feet wide, averaging about 10 feet high. 1 lb., 95c; six 1-lb. cans, \$5.50; case of twelve 1-lb. cans, \$10.70; ½ lb., 60c; six ½-lb. cans, \$2.95; case of twelve ½-lb. cans, \$5.65.

**PARIS GREEN.** For combating the potato bug and other chewing insects. Price: ¼ lb., 45c; 1 lb., \$1.10; 5 lbs., \$4.50; 25 lbs., \$15.00.

**Pestroy 25% DDT Concentrate.** A low cost concentrate for control of insects in barns, poultry houses, dairies, factories, washrooms, etc. Price: qt., \$1.70; 1 gal., \$5.25.

**Pestroy 6% DDT Liquid** for control of flies, mosquitoes, ants, bedbugs, cockroaches, etc. Apply with brush on screens, doorways, etc. Pt., 69c; qt., \$1.19.

**PINE TAR.** Used for tree surgery, animal husbandry, etc. ½ Pt., 35c; 1 Pt., 50c; 1 Qt., 75c; 1 Gal., \$2.00.



## NIAGARA DUSTS AND SPRAYS

**APHIS DUST OR SPRAY.** Contains lindane. 1 lb., 75c; 4 lbs., \$2.10.

**BRUSH KILLER.** Contains 2, 4, 5-T plus 2, 4D. For woody plants and brush. 4 oz., \$1.35; 1 pt., \$3.15.

**C-O-C-S DUST.** Contains 3% DDT & 7% Copper. For control of bugs and blight on potatoes, tomatoes, egg-plant, peppers etc. 1 lb., 55c.

**COPODUST.** For blight control. 1 lb., 50c; 5 lbs., \$1.40.

**COPPER-ROTENONE DUST.** For insect, blight and fungus control. 4 lbs., \$1.55.

**COPPER SPRAY.** Contains 26% metallic copper for control of blight, mildew, leaf spot. 1 lb., 85c; 3 lbs., \$1.80.

**DDT 5% DUST.** Controls corn borer, corn ear worm, cabbage worm, thrip on gladiolus, etc., 1 lb., 65c; 3 lbs., \$1.35; 4 lbs., \$2.25.

**DDT 50% SPRAY.** For same uses as above. 1 lb., \$1.10; 3 lbs., \$2.45.

**FERBAM WETTABLE POWDER.** A fungicide. 8 oz. makes 50 gal. of spray. 8 oz., \$1.25.

**HOUSEHOLD SPRAY.** Contains Lindane. Controls flies, mosquitos, moths, roaches, ants, etc. Pt., \$1.10; qt., \$1.50; gal., \$6.25.

**KOLO FRUIT TREE DUST OR SPRAY.** 1 lb., \$1.10; 3 lbs., \$2.15.

**LINDANE 25% EMULSION.** Controls flies in dairy barns and other buildings. Also roaches, ants, etc. Pt., \$2.30.

**LINDANE 25% SPRAY.** For control of mange on dairy cattle, mange, lice and ticks on other livestock. 12 oz., \$2.90.

**MALATHION 50 SPRAY.** Controls insects on vegetables, fruit, flowers, ornamentals, also flies around buildings, home and yards. 4 oz., \$1.05; pt., \$3.15.

**METHOXYCHLOR 50 WETTABLE POWDER.** For control of stable flies, horn flies, lice and fleas on dairy cows, building spray as well as insect control on fruits, flowers and vegetables. ½ lb. makes 25 gal. of spray. 8 oz., \$1.55.

**POTATOX.** Contains DDT and copper to control bugs and blight on potatoes and tomatoes. 1 lb., 95c; 3 lbs., \$2.25; 4 lbs., \$2.90.

**POMO-GREEN (new).** The old favorite in a new combined insecticide and sulphur fungicide, green in color, for use as a dust or spray, for the control of Black Spot and mildew, also chewing and sucking insects on roses and other plants. 8 oz. Pump Gun, \$1.35; 1 lb., \$1.45; 3 lbs., \$3.20.

**PURATURF CRABGRASS KILLER.** 1 pt., \$2.20

**PURATURF 177.** For the control of dollar spot and other turf diseases in the lawn. 1 lb., \$5.00.

**ROTENONE DUST OR SPRAY.** Non-poisonous insecticide for use in home or on vegetables or fruit. 1 lb., 70c; 3 lbs., \$1.55; 4 lbs., \$2.00.

**SOILFUME.** A soil fumigant for control of wireworms and nematodes in garden and greenhouse. Liquid, 1 pt., \$1.60.

**SPIDER-MITE DUST OR SPRAY.** Contains Aramite. Controls red spider and mites on evergreens, roses and shade trees. 1 lb. 85c; 4 lbs. \$2.65.

**WEED KILLER, 2, 4-D.** Kills dandelions, plantain and other weeds in lawns. 4 oz., 75c; ½ pt., 95c; pt., \$1.05.

**Garden Dust or Spray.** Complete spray or dust for flowers, vegetables. 8 oz. gun, \$1.15; 1 lb., \$1.25; 3 lbs., \$2.45.

**Ornamental Dust or Spray.** For spruce, evergreens, shrubs, flowers and shade trees. 8 oz. gun, \$1.35; 1 lb., \$1.50; 3 lbs., \$3.40.

**Chlordane 6%.** Controls grubs, cutworms, ants, etc. 1 lb., 75c; 3 lbs., \$1.70.

**Chlordane 10%.** 1 lb., 85c; 3 lbs., \$1.95.

**Blight Dust.** For blight on vegetables & flowers. 1 lb., 85c; 3 lbs., \$1.50.

**Potato & Tomato Dust or Spray.** Controls insects & diseases. 1 lb., \$1.00; 3 lbs., \$1.90.

**P. D. SPRAY.** The best spray to kill the box elder beetle. Kills mosquitos, spiders, flies, moths, fleas, ants, bedbugs, roaches. 12 oz., 25c; pt., 35c; ½ gal., \$1.10.

## ORTHO DUSTS AND SPRAYS

**Ortho Lawn Sprayer.** For attaching to hose and applying liquid plant food to lawns. Easy to use. 15 gal. size, \$3.95.

**Ortho Spray-Ette.** A 2 gallon capacity sprayer for attaching to hose for garden use. \$3.49.

**Ortho Garden Dust.** A multi-purpose dust containing Captan, Lindane, Methoxychlor, Ziram. 8 oz. Duster can, \$1.00; 1 lb. refill, \$1.25.

**Ortho Garden Fungicide.** Contains 50% Captan. Controls black spot, mildew, damp-off, brown patch, etc. 8 oz. \$1.25; 1 lb., \$1.95; 40 oz., \$3.95.

**Ortho Home Orchard Spray.** Contains Captan, DDT, DDD, Lindane, Aramite, for control of insects and diseases on fruit and berries. 8 oz., 95c; 1 lb., \$1.25; 40 oz., \$2.95.

**Ortho-Klor 10% Chlordane Dust.** Can be used as a dust or spray. 1 lb., 69c; 5 lbs., \$1.95.

**Ortho Squeeze Rose Dust.** Contains Captan, Lindane & others. Controls major rose pests & diseases. 10 oz., duster, \$1.39.

**Ortho Rotenone Dust or Spray.** Relatively harmless to humans. 1 lb., 60c.

**Ortho Tomato & Vegetable Dust.** A multi-purpose vegetable garden dust. 8 oz., duster, \$1.00; 1 lb. refill, \$1.25.

**Ortho-Gro Liquid Plant Food.** A 10-5-5 organic fish liquid plant food for house plants, lawns or garden. 4 oz., 35c; Pt., 90c; Qt., \$1.50; Gal., \$4.95.

**Ortho Ant-Roach Bomb.** Gets these crawling insects. 11 oz., aerosol, 98c.

**Ortho Scram.** A push button dog repellent. 12 oz., aerosol, \$1.49.

**Ortho Isotox Garden Spray M.** Kills most insects on flowers, shrubs, fruit trees and certain vegetables. 4 oz., \$1.00; 8 oz., \$1.85; Pt., \$2.95; Qt., \$5.49.

**Ortho 50% Malathion Spray.** Controls red spider, aphids, mealy bugs, scale, etc., on evergreens, roses, shrubs, shade & fruit trees. 4 oz., \$1.00; 8 oz., \$1.85; Pt., \$2.69; Qt., \$4.29.

**Pano-drench.** Now you can give your seedlings new protection against damping-off fungi. Pano-drench is a liquid when diluted with water, becomes a powerful sterilizing soil drench. Two teaspoonfuls mixed with 3 gallons of water make enough to treat 20 sq. ft. of soil. 1 oz., \$1.95; 4 oz., \$5.95; 1 lb., \$19.20.

**Pratt Fruit Tree Spray.** A single spray material for the control of chewing insects and fungous diseases. Use as dust or spray. 1 lb., \$1.00; 3 lbs., \$2.00.

**RED RIVER POTATO MIX WITH DDT.** DDT has been added to this outstanding product to make it better than ever. Now controls leaf hopper and psyllid as well as potato bugs, flea beetles and aphids. Controls early and late blight. Spray or dust. The all-around, economical potato mixture. 1 lb. bag, \$1.00; 4 lb. bag, \$3.15.



**RID X.** Saves clogging, deodorizes, sanitizes cesspools, septic tanks, outdoor toilets. 1 lb., \$1.69.

**ROOTONE**

Reg. U. S. Pat. Off.

successful rooting. Easy to use. ¼ oz. packet, 25c; 2-oz. jar, \$1.00; 1-lb. can, \$5.00.

**ROOTONE F.** Has fungicide added to control damping-off. 1 lb., \$5.00.

**ROSETONE.** A combination of hormones and vitamins to insure success and quick starting of roses. Soak roots with Rosetone before planting. ½ oz., 25c; 3 oz. \$1.00.

**ROTECIDE.** Both a contact and stomach poison. Kills mealy bug, beetles, thrips, aphids, etc. 1 oz., 35c; 8 ozs., \$1.00; 1 qt., \$3.00; 1 gal., \$8.00.

**SCALECIDE.** A dormant spray to control scale, aphids, mites and other pests on hedges, shrubs, evergreens, etc. 1 gal., \$3.25.

**SHEPS PLANT SPRAY.** A non-poisonous spray that kills and controls nearly all garden insects. ½ oz., 10c; ½ pt., 75c; 1 pt., \$1.35.

**SLUG SHOT.** Very popular insecticide; harmless to humans, or fruits and vegetables treated. Very effective in destroying cabbage and cauliflower worms, potato bugs and beetles, etc. 1 lb., 69c; 3 lbs., \$1.50; 5 lbs., \$2.25.



## Seed Disinfectants

**ARASAN.** For most vegetables, grasses, corn and legumes as a dry application. 1 oz., 50c; 8 oz., \$1.50; 10 lbs., \$10.35.

**ARASAN SF-X.** Slurry treats vegetables, grasses, corn and legumes. 5½ oz., \$1.00; 25 lbs., \$40.50.

**CERESAN NEW IMPROVED.** 4 oz., 50c; 1 lb., \$1.75; 4 lbs., \$4.35.

**CERESAN-M.** Dry or slurry. 14 oz., \$1.60; 3 lbs., \$4.45; 40 lbs., \$44.80; 100 lbs., \$107.00.

**SEMESAN—Vegetables.** 4 oz., \$1.80; 12 oz., \$4.95; 4 lbs., \$15.00; 25 lbs., \$105.00.

**SEMESAN BEL—Potatoes.** 3 oz., \$1.05; 1 lb., \$3.30; 4 lbs., \$10.65; 40 lbs., \$99.80.

**SEMESAN JR—For seed corn.** 1½ oz., 25c; 1 lb., \$1.00; 5 lbs., \$3.50.

**TERSAN 75—For lawns.** 8 oz., \$1.65; 3 lbs., \$5.50.

**SNAROL, METALDEHYDE, ARSENICAL BAIT.** Kills slugs, sow bugs, grasshoppers, etc. A ready prepared poison that destroys those pests quickly. Put up in meal or pellet form. 1 lb., 50c; 2½ lbs., \$1.00; 6 lbs., \$2.00; 50 lbs., \$13.00.

**SNAROL CUT WORM BAIT.** Contains toxaphene. 2½ lbs., \$1.00.

**SPERSON GLADIOLUS DUST.** Controls thrips and corm decay. Contains Spergon and DDT. 2 oz., 50c; 1 lb., \$2.00; 5 lbs., \$6.25.

**SPERSON, SEED PROTECTANT.** A powder to be applied to seed before planting. Prevents seed decay and "damping off," particularly in cold wet weather. Recommended for peas, beans, corn and other seeds. 1 oz., 50c; 5 oz., \$1.75; 1 lb., \$2.40.

**SPREADER—STICKER, Pt.,** \$1.25; gal., \$7.75.

**STOP—for tree banding.** Is a sticky substance used to band trees, shrubs, and vines to prevent insects from crawling up to the foliage. 1 lb., \$1.05; 7½ lbs., \$6.25; 25 lbs., \$18.00; 100 lbs., \$55.00.

**STOP-GRASS.** A new plant-growth regulator, containing maleic hydrazide. When sprayed on grass early in the season, will check growth for 4 to 5 months, eliminating cutting during this period. Price, 4 oz., \$2.25; 1 lb., \$6.95.

**SULPHUR DUSTING, WETTABLE.** Use as a dust or liquid spray, to control mildew, leaf spot, black spot and rust on rosebushes, chrysanthemums, snapdragons, carnations, and certain other foliage; also red spider on evergreens. Price: 1-lb., 35c; 2-lbs., 75c. In bulk: 5 lbs., \$1.10; 10 lbs., \$1.75; 25 lbs., \$3.00; 50 lbs., \$5.50; 100 lbs., \$9.00



**SYNKLOR 50W CHLORDANE WETTABLE POWDER.** Kills ants, wireworms, earth worms, grubs in lawn. 8 oz., \$1.50; 1 lb., \$2.50; 5 lbs., \$5.65; 10 lbs., \$10.80.

**TERRO ANT KILLER.** 1½-oz. can, 35c; 3 oz., 50c.

**TICKS-OFF AEROSOL.** Repels mosquitos, chiggers, ticks and flies. 5 oz., 98c; 12 oz., \$1.85.

**TOBACCO DUST.** May be used in the seed bed to prevent maggots. Especially valuable against root lice on asters and other plants. 1 lb., 30c; 5 lbs., 75c; 10 lbs., \$1.25; 25 lbs., \$2.50; 50 lbs., \$4.25; 100 lbs., \$7.00.

**TOMATO DUST, ACME.** A safe and effective dust for control of horn worm, fruit worm, early blight and late blight on tomatoes. Can also be used as a general garden dust on many other vegetables, also flowers and shrubs. 8 oz. Pump-gun package, 79c; 1-lb. sifter top can, 69c; 4-lb. bag, \$1.75.



**SAVE  
YOUR  
TREES**

It takes years  
to grow a tree.

It can die in  
months.

**GOULD'S TREE WOUND DRESSING.** A non-poisonous, non-injurious liquid that protects trees from rot, fungus diseases and insect damage. Safe-guard your trees by painting all wounds and pruning cuts at once with Gould's Tree Wound Dressing. Price, ½ pt., 85c; 1 pt., \$1.25; 1 qt., \$1.80; 1 gal., \$4.25; 5 gal., \$20.00.

## TRANSPLOANTONE

Reg. U. S. Pat. Off.

The vitamin-hormone stimulant. 1 oz. makes 1,000 gallons solution. The most effective form of Vitamin B1. Use seedlings or trees when planting. Multiplies roots and makes better plants. Effective in hard or soft water. ½ oz., 25c; 3 ozs., \$1.00; 1 lb., \$4.00.

on all kinds of flowering plants, vegetable plants, shrubs, seedlings or trees when planting. Multiplies roots and makes better plants. Effective in hard or soft water. ½ oz., 25c; 3 ozs., \$1.00; 1 lb., \$4.00.

### Tree Tanglefoot

Should be applied to trees in March and April here in the Northwest, to control the canker worm and prevent it from stripping the leaves from shade and fruit trees. Also controls ants and other worms from crawling up the tree. 6 oz., 90c; 1 lb., \$1.50; 5 lbs., \$7.00; 25 lbs., \$26.50.



### Tri-Ogen Products

**Fume-Ogen.** A dog and cat repellent in powder form, effectively repels animals from garden, greenhouse and home. 8-oz. shaker can, 59c; 6 oz. Bomb, 89c.

**Fungtrogen.** Controls mildew, black spots and other fungus diseases on roses and other plants; also stimulates vigorous plant growth. 4-oz., 45c; 8-oz., 75c; 1 pt., \$1.25; 1 qt., \$2.00; 1 gal., \$6.00.

**Mologen.** A powder to rid your place of moles the easy way. ½-lb. can, 59c; 1½ lb., \$1.25.

**Terogen.** For autumn-winter soil treatment. Will give your roses a better start next year. In successful use for years. 1 lb., 75c; 2 lbs., \$1.25; 5 lbs., \$2.75.

**Tri-Ogen Dust Gun.** All-Purpose insecticide. Refillable. 10 oz. 98c.

**Tri-Ogen Rose Spray** gives complete protection against all plant insects and diseases, including black-spot, mildew, aphids (plant-lice), slug worms, caterpillars, etc. Especially recommended for roses, asters, snapdragons, carnations, hollyhocks, delphiniums, phlox, chrysanthemums, zinnias, dahlias, and many other plants.

**E-Kit.** Protects 6 to 10 roses for season.....\$ 1.60

**A-Kit.** Protects 12 to 20 roses for season..... 2.49

**B-Kit.** Protects 50 to 80 roses for season..... 6.25

**C-Kit.** Protects 100 to 160 roses for season..... 9.50

**D-Kit.** Protects 400 to 600 roses for season..... 30.00

**Tri-Ogen Rose Dust.** For those who prefer to dust rather than spray. Serves the same three-way purpose as Tri-Ogen Spray. 1 lb., \$1.19; 5 lbs., \$5.00; 25 lbs., \$23.75.

**Tri-Ogen Rose Bomb.** Controls insects & diseases on roses & flowers. 12 oz., \$1.49.

**VAPOTONE SPRAY.** A new product primarily to control the red spider, mites and aphids. Has also proven effective against leaf eating worms, beetles, leafhoppers, immature scale insects, thrips, etc. 1 gal., \$12.00.

**VIOL-OGEN SPRAY.** Non-poisonous to humans and household pets, but kills hard-to-destroy insects on African Violets. 4 oz. \$1.00.

**VOICK.** An improved oil spray for nursery or garden. Controls mealy bug, scale insects, red spider and other garden pests. 4 oz., 35c; 1 pt., 75c; 1 qt., \$1.25; 1 gal., \$3.00.

### Soil Conditioner

#### KRILIUM

**MERLOAM.** For small gardens, bare spots in lawns, around trees and shrubs, potted plants, window boxes, etc. Price, 2 oz. 25c; 1 lb. 75c; 5 lbs. \$2.50.

**LOAMAKER.** For large gardens, building and rebuilding lawns, planting trees and shrubs, greenhouses, etc. Price, 10 lbs., \$10.00.

**DU PONT SOIL CONDITIONER.** For dry or wet application. Dry Method, price, 8 oz. 85c; 3 lbs., \$2.95. Wet Method, Price, 4 oz., 50c; 8 oz., 75c; 2 lbs., \$2.50.

**MAGNITE.** The all-in-one soil conditioner and plant food. Adds vital minerals and organics, speeds root development, makes sturdier plant growth. Use 2 lbs. to 100 square feet. Price, 1 lb., 49c; 5 lbs., \$1.95; 25 lbs., \$7.95; 50 lbs., \$12.95.

## WEEDKILLERS

**SULPHATE OF IRON, COPPERAS.** Kills dandelions and weeds. Dilute 1 lb. to 1½ gallons of water. 1 lb., 15c; 2 lbs., 25c; 5 lbs., 75c; 10 lbs., \$1.25; 25 lbs., \$2.25; 50 lbs., \$3.00; 100 lbs., \$5.75.

**WEED KILLER, ACME.** Destroys weeds and all vegetation on driveways, clay courts, paths, etc. Also widely used on other noxious lawn weeds by application undiluted, using a weed cane or squirt-bottom oil can. Pt., 70c; qt., 95c; gal., \$2.70; 5 gal., \$10.50.

**DU PONT LAWN WEED KILLER.** Gets broad-leaf weeds like dandelions, plantain. 8 oz. \$1.00; 2 lbs. \$2.95.

**DU PONT AMMATE WEED KILLER.** (ammonium sulfate) Kills poison ivy, brush and other weeds, aids in rotting stumps. 2 lbs. \$1.15; 6 lbs., \$2.95; 50 lbs. \$17.50.

**WEED KILLER, HAMMONDS.** Destroys weeds, poison ivy and all vegetation on roadways, paths and tennis courts. Dilute with 40 parts water. Apply with sprinkling can. Qt., 90c; gal., \$2.50; 5 gal., \$10.00.

**CHICKWEED KILLER.** One of the very best. 6 oz., \$1.00; 1 lb., \$2.00; 2 lbs., \$3.25.

**MONSANTA D-LEET WEED KILLER.** Kills lawn weeds. 8 oz., \$1.00; 32 oz., \$2.75.

**PAX CRAB GRASS KILLER.** To stop crabgrass, apply Pax in very early spring or fall, to kill dormant crabgrass seed. If undisturbed after application of Pax, it will prevent crabgrass seed germination for a year or longer. Pax also fertilizes the lawn with enough nitrogen plant food for one normal lawn feeding. Apply 2½ to 3½ lbs., per 100 sq. ft. Use 40 lbs. to 1200 to 1600 sq. ft area. Price, 20 lbs., \$5.95; 40 lbs., \$9.98.

**IMPROVED WEEDONE CRAB GRASS KILLER.** Contains potassium cyanate and MCP. Kills crab grass, chickweed and broadleaf weeds. 6½ oz., \$1.25; 26 oz., \$3.75; 6 lbs., \$9.70; 30 lbs., \$34.00.

**WEEDONE CRAB GRASS KILLER.** Contains Sodax. Kills crab grass and common chickweed. Will not injure most lawn grasses including fine bents or clover. Follow directions. 4 oz., \$1.25; 16 oz., \$3.50; 2 lbs., \$6.50; 6 lbs., \$18.00.

**IMPROVED WEEDONE, 2,4-D and 2, 4, 5-T.** Kills lawn weeds without killing grass, also: noxious weeds like thistles, ragweed, bindweed, etc. Will kill all vegetation in driveways, tennis courts etc., if mixed with fuel oil. 8 oz., \$1.00; 1 qt., \$2.75; 1 gal., \$6.75; 5 gal., \$24.75.

**WEEDONE BRUSH KILLER 32.** 8 oz., \$1.49; 1 qt., \$3.75; 1 gal., \$7.25; 5 gal., \$34.50.

**ENDO WEED.** Literally sprays weeds right out of your grass. The whole weed dies, leaves, stems, roots, in a week or so. Your grass continues to grow without a setback. ½ pint covers 2,000 sq. ft. of lawn area. ½ pt., 98c; 1 qt., \$2.75.

**DI-MET CRAB GRASS KILLER.** Trial size, covers up to 400 sq. ft., 39c; Home size, covers up to 4,000 sq. ft., \$2.95.

**N.K. & CO. CRAB GRASS KILLER.** Contains phenyl mercuric acetate. Lawn grasses show very little discoloration. Pt., \$1.75; Qt., \$2.75; Gal., \$9.75.

**N.K. & CO. 2,4-D WEED KILLER.** For control of most broadleaved weeds. 1 qt. covers 4,000 sq. ft. Pt., 98c; Qt., \$1.39.

**WEEDUST.** An easy way to kill lawn weeds, just dust with Weedust, the 2,4-D weed killer. Kills dandelions, plantain, wild morning glory, chickweed, mustard and other weeds without injury to your grass. 12 oz. shaker top can. \$1.00.

**SEL-TOX CRAB GRASS KILLER.** It is "selective" and harmless to normal turf grasses. Apply as little as ½ oz. to 1 gal. of water. Price, 8 oz., \$1.00; 16 oz., \$1.50; 32 oz., \$2.50; ½ gal., \$4.75; 1 gal., \$9.00.

**END-O-WEED CRAB GRASS KILLER.** Also kills chickweed. 7 oz., 98c; 1 lb. 6 oz., \$2.65.

**WEED-NO-MORE.** Will free an average lawn of weeds at a cost of \$1.00. It kills broad-leaved weeds without harm to most common lawn grasses. Mixes with water and is easily sprayed on the lawn. The \$1.00 8 oz. pkg. treats 1,600 sq. ft. Qt., \$2.98, covers 6,400 square feet.

**WEED-NO-MORE SPRAYER, 49c.**

**TAT C-LECT CRAB GRASS KILLER.** Kills young crab grass as well as mature plants. Absolutely safe on your good lawn grasses. Treat early. Price 8 oz., 85c; 16 oz., \$1.50.

**ZOTOX—KILLS CRAB GRASS.** Kills both the plant and seeds of crab grass and checks reinfestation. DOES NOT DESTROY LAWN GRASSES and is non-injurious to soil. A 16-oz. bottle treats 2,000 sq. ft. For "spot" treatment of small patches it goes much farther. Prices: 8-oz. bottle, \$1.00; 16 oz., \$1.50; 32 oz., \$2.50; 5 lbs., \$4.50; 30 lbs., \$22.50. Ask for free leaflet.



## RODENT DESTROYERS—REPELLENTS

**BLACK LEAF WARFARIN RAT KILLER.** Try this new, tested, proven, complete rat control. Concentrate, ¼ oz., 49c; ¼ lb., \$1.69; ½ lb., \$2.98; 1 lb., \$4.98.

**BLACK LEAF READY-MIXED WARFARIN RAT BAIT.** 1 lb., 79c; 5 lbs., \$3.49.

**D-CON, with warfarin.** Kills rats and mice with science's latest discovery. Is surer, safer, easier and cleaner.

Concentrate, 8 oz. size, makes 6 lbs. of bait.....\$2.98

Ready Mixed.....1 lb., \$1.69; 5 lbs., \$5.95

Mouse-Prufe. Gravity feed package.....89c

**D-CON ROACH PRUFE.** Destroys roaches, ants, waterbugs and silverfish. ½ pt., \$1.19.

**D-CON ANT PRUFE.** Kills all types of ants, waterbugs and silverfish. ½ pt., \$1.19.

**DR. HESS & CLARK WARFARIN.** A prepared bait. Kills rats and mice. 1¼ lb., \$1.00; 5 lbs., \$3.25.

**MO-GO.** Kills moles and gophers. Very effective. 1¼ oz., 50c; 3½ oz., \$1.00; 1 lb., \$3.75; 5 lbs., \$13.90.

**ROOST NO MORE.** Prevents pigeons and starlings from landing or nesting where applied. 10 oz. aerosol can, \$2.50; commercial size, 10-inch cartridge (to be used with calking gun), \$3.00; 1 gal., \$9.00.

**SMITH'S RODENT DESTROYER BOMBS.** They are a death notice to moles, gophers and rats. Kill quickly. 1 doz., \$1.50; postpaid, \$1.80.

**FORCE'S MOLE KILLER PELLETS.** Compounded from foods the moles naturally eat and containing a poison that is deadly to them. One application may be sufficient. 35-pellets, 35c; 75-pellets, 65c; 185-pellets, \$1.15; 875-pellets, \$3.50.

**SWEENEY'S POISON WHEAT.** Sure death to rats, mice, moles, and gophers. Price, 25c, 50c, and \$1.00 a carton.

**GOPHER DEATH.** A poison in tablet form—easy to use. Made of food the rodents love. Kills pocket gophers, ground squirrels, etc. Price, 75c.

**CYANOGAS (Calcium Cyanide). Cyanogas A. Dust.** For ants, moles, rats, gophers. Grade "A" Cyanogas is recommended because of its ease of application and high efficiency. 4 oz., 50c; 1 lb., \$1.25; 5 lbs., \$4.25.

**RABBIT REPELLENT-G. & O.** Here is a powder when applied around plants will discourage any ambitious rabbit. 1 lb., 50c; 5 lbs., \$1.75.

**RIDZ.** Dog and cat repellent. Keeps them away. 12 oz. aerosol bomb, \$1.49, postpaid, \$1.75.

**RODENT REPELLENT—PETER RABBIT.** Protects fruit trees and shrubbery from rabbits, mice, etc. It will remain effective throughout the winter. Liquid, 1 pt. 95c; 1 qt., \$1.75; 1 gal., \$5.00.

**Z.I.P.** A deer and rabbit repellent to protect your crops and trees during growing and dormant season. 1 qt., \$3.50; 1 gal., \$11.40; 5 gal., \$56.25.

**STEEL ANIMAL TRAPS.** Chain attached for catching rats, gophers, weasels, muskrats, skunks, etc. Size 0, 35c; size 1, 40c; size 1 jump, 50c; size 1½, 75c; size 1½ jump, 75c; size 2, 85c; size 2 jump, \$1.00; size 3, \$1.25; size 4, \$1.65; size 2 coil spring, \$1.35; size 1½ fur stretch-er, 45c. Ask for prices by dozen.

**VICTOR MOLE TRAP.** Most effective. Price, \$2.50.

**THE NASH MOLE TRAP.** Catches the mole in all kinds of ground when properly set. Clods or stones cannot prevent perfect operation. This trap catches the mole when it comes from either direction. If properly set, you cannot fail with the Nash Mole Trap. \$3.25 postpaid.

**E-Z TRIP MOLE TRAP.** A simple, easy to set mole trap. This is one of the most satisfactory and easy-to-set traps we have ever handled. Each, \$3.00 postpaid.

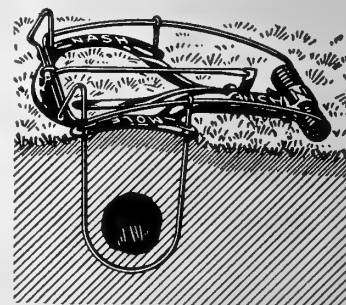
**MACABEE GOPHER TRAP.** It is simple and easy to set, and a sure catch. Each, 75c.

**FORCE'S GOPHER KILLER.** Made in ready-to-use pellets is easy to use. Kills these pests right where they live—in the ground. Prices: 60 pellets, 65c; 175, \$1.15.

**GOULD'S MINNESOTA GOPHER POISON.** A pocket gopher poison put up according to the formula recommended by the University of Minn. If you are troubled with gophers try this proven remedy. Price, 85c.

**MOUSE AND RAT SEED.** A seed treated with a chemical, that due to its peculiar flavor the mice or rats eat in preference to anything else. As soon as they eat the kernel, they go outside for air and water and die. Has been approved by the Good Housekeeping Institute. Mouse Seed. 1¼ oz., 25c; 1 lb., \$1.50. Rat Seed. 1 lb., 50c.

**STEARNS' ELECTRIC RAT AND ROACH PASTE.** To kill rats and mice apply Stearn's Paste on bread, cheese, meat or other food, for bait. Will also kill gophers and other rodents. Price, 49c; 55c by mail.



## SPRAYERS

### HUDSON SPRAYERS

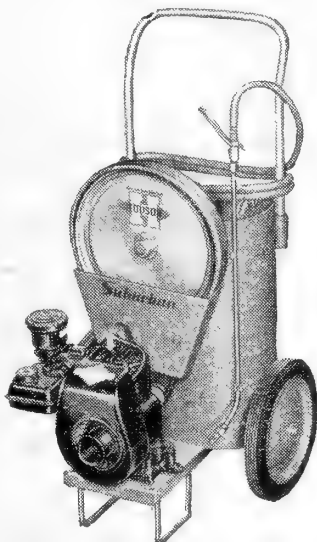


220B Bugweiser

710SC—4 gal. stainless steel..	\$ 50.68
709—2 gal. galv.....	16.42
310B—4 gal. galv.....	18.86
310SB—4 gal. stainless steel.	35.98
335A—3 gal. galv.....	16.57
9A—1 3/4 gal. Favorite.....	11.28
293B—3 1/2 gal. Leader.....	12.70
291B—3 gal. Booster.....	10.41
220B—2 1/4 gal. Bugweiser....	9.88
24—3 gal. Lawn Sprayer	
on cart.....	23.81
711B—Flame Sprayer.....	32.98
347E—4 1/2 gal. Du More galv.	51.14
347SE—4 1/2 gal. Du More	
stainless steel.....	67.00
223B—Trombone sprayer.....	11.95
219B—Trombone sprayer.....	7.50
1010—Power sprayer, 10 gal..	152.50
31015—Power sprayer, 15 gal.	268.50
31030—Power sprayer, 30 gal.	292.50
35G3—Ro-Krop .....	30.86
115—Clipper .....	8.91

### DOBBIN SPRAYERS

44SS Big Head, 4 gal.	
stainless steel.....	\$25.95
34GS Big Head, 3 1/2 gal..	12.25
21G Fun-L-Fill, 3 1/2 gal..	9.90
26G Budget, 2 1/2 gal.....	7.45
31G Continuous, 3 qt.....	2.40
704 Continuous, 1 qt.....	1.65
3105 Bucket Pump.....	9.50
310 Flame sprayer, 4 gal.	24.80
8 DeLuxe, 2 gal.....	11.70



1010 Power Sprayer

**Ken-Sprayall.** The perfect and satisfactory hand sprayer for all kinds of home garden spraying. Sprays all solutions, up to 35 feet in height. Spray from fog-mist to full stream, as you wish.

224 Little Giant.....	\$4.95
225 Little Giant DeLuxe.....	5.95
214 Redisprayer .....	6.95
202 DeLuxe sprayall.....	8.95

### HAND SPRAYERS



440 Tin, 1 qt.....	\$ .64
222 Tin, 1 pt.....	.56
433 Mercury continuous, qt.....	2.12
428 Critic, 24 oz. glass.....	2.55
447 Eclipse, stainless steel, qt..	7.50

### Cyclone Seed Sower

The Cyclone can be used for sowing clover, timothy, alfalfa, lespedeza, Sudan grass, oats, wheat or any other seed that is sown broadcast. Price, \$4.75.

### The Horn Seed Sower

Will sow all smooth seeds like alfalfa, clover, timothy, lespedeza, etc., any desired amount per acre. Easily operated. Price, \$1.80.



### Big Stinky Outdoor Fly Trap

Anywhere there are flies, Big Stinky lures, traps, kills nasty filth-carrying flies. Simple to operate. 1 gal. size, with Control fluid and complete directions .....\$4.95 1/2 gal. size, Big Stinky Fly Tray..... 4.49 No Stinky, automatic garbage can deodorizer..... .98

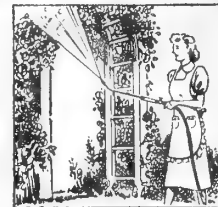
### Twine

Binder twine in 8-pound balls, \$2.50; bale of six 8-pound balls, \$12.00. Cotton twine in 4, 6 and 12-ply balls and cones at market prices.



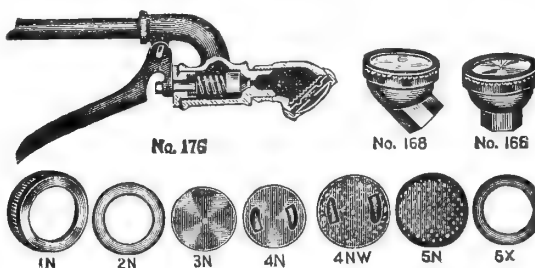
ARNOLD GARDEN HOSE INSECTICIDE SPRAYER AND CARTRIDGES

**THE ARNOLD GARDEN HOSE SPRAYER** attaches to your garden hose in place of the regular nozzle. Special Soluble Arnold Cartridges for insect and plant disease control fit the cartridge chamber. As water in the hose passes through the chamber, the cartridge is dissolved in sufficient quantity to provide the correct control.



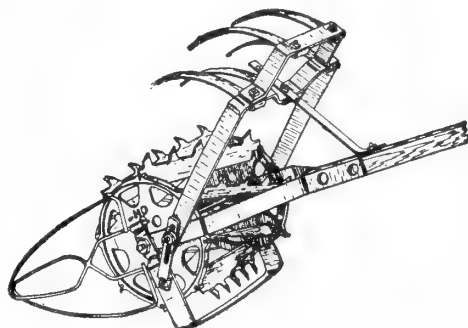
Chrome with adjustable nozzle and six cartridges..	\$9.15
Chrome with adjustable spray nozzle.....	6.95
Plastic sprayer.....	1.00
One plastic sprayer and 2 Weed-O-Spray cartridges	1.75

**Arnold Cartridges.** Listed below, 40c each, 12 for \$4.80.  
DDT Arsen-O-Spray Sulph-O-Spray  
Nic-O-Spray Lindane Spray Weed-O-Spray  
Chlordane Methoxychlor Vitamin B1 Spray  
Captan Spray P-R (Pyrethrum-Rotenone)  
Cleaswell Auto Wash



Hudson  
Sprayer  
Parts

We carry a complete line of parts and washers.



### Ro-Ho Gardener

**Weeds—Hoes—Cultivates—Mulches Soil.** You do it all in one operation with less effort than it takes to push an easy-running lawn mower.

No. 10—10 1/2 inches wide .....\$11.50

## GARDEN & FARM EQUIPMENT

**No. 4 Planet Jr. Combination Hill and Drill Seeder, Wheel Hoe, Cultivator and Plow Equipment:** 1 garden plow, 3 steel cultivator teeth, 1 pair of hoes, 1 leaf lifter, capacity 2 1/2 quarts. Price \$31.95. No. 4-D Seeder only. Price, \$25.50. No. 25, same as No. 4, but as a Double and Single Wheel Hoe. Price, \$37.50.

### No. 300 Drill Seeder

A seeder for all seeds from the smallest up to lima beans. Hopper holds four quarts. Price, \$39.95.

### No. 12 Double and Single Wheel Hoe

A wonderful combination of a Double and Single Wheel Hoe with a variety of cultivating attachments that take care of every kind of cultivation in the home or market garden. Price, \$23.50.

### No. 13 Double and Single Wheel Hoe

A great favorite among onion growers. Price, \$18.25.

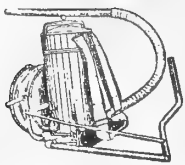
### No. 16 Planet Jr. Single Wheel Hoe

Lighter than a Double Wheel Hoe and almost as useful to those who prefer a light tool. The variety of attachments will handle practically any cultivating, hilling, furrowing, etc., in the garden. Price, \$17.50.

**No. 17 Single Wheel Hoe.** Same as the No. 16, less the rakes and leaf lifter. Price, \$15.50.

**No. 18 Single Wheel Hoe.** Equipped with 1 pair of 6-inch hoes only, the most useful attachments. Price, \$11.75.

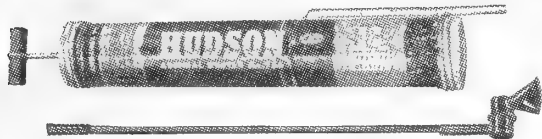




## DRY POWDER DUSTERS

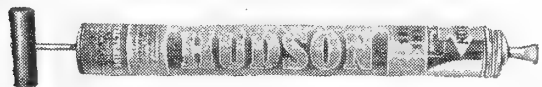
### American Beauty Dusters

Authorities consider this one of the most efficient dusters ever made. Throws dust to top of 25-foot trees. Does not choke or clog. Dusts truck crops, top and underside of leaves at an average walking speed, \$32.50.



**HUDSON  
ADMIRAL  
DUSTER**

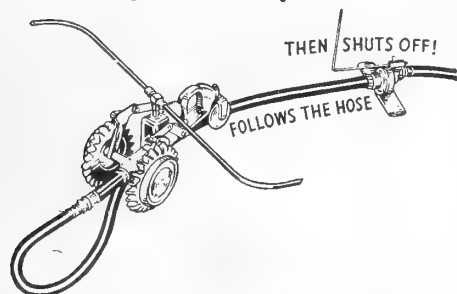
Effective and economical. Price, 4½-inch chamber with 24-inch extension, \$2.86.



**HUDSON  
CADET  
DUSTER**

Adapted for use with all insect powders. Also for the garden or poultry house dusting. Each, 74c.

## "Walking" Lawn Sprinkler



"WALKING" LAWN SPRINKLERS are operated by water power. No fuss; simply lay the hose over the course you want to water, place the sprinkler so as to follow back along the hose and turn on the water. THE "WALKING" SPRINKLER will start immediately, pulling the water filled hose back along the course with it.

"WALKING" LAWN SPRINKLERS will do your watering job well and economically. Have saved as much as forty per cent on their water bills and had better lawns than ever before. The width of the strip to be watered may be set for a few feet to fifty feet. Free leaflet sent on request.

Model A5 .....	\$23.95
Model A5-2 .....	26.95
Model B3 .....	34.95
Automatic Shut-off .....	4.90

## Metco Wave Sprinkler

Can be regulated to almost any width or space desired. Will water an area 40x50 at a time, with uniform coverage. This is an outstanding sprinkler in every way.

### Prices:

Model J .....	\$ 8.95
Model M .....	10.95
Model 2S .....	13.95

## Hayes Spray Guns

These fine sprayers are for attaching to garden hose. You can spray up, down, sideways or to tree tops with a Hayes. Adjustable nozzle delivers fine, forceful, fan-shaped spray. Operates at all water pressures.

1½ gal. Sprayz-it ....	\$2.95	4 gal. Cap .....	\$6.45
1½ gal. Sprayer .....	3.25	6 gal. Cap .....	9.95
3 gal. Cap .....	4.45	10 gal. Cap .....	12.95

## Square Spray

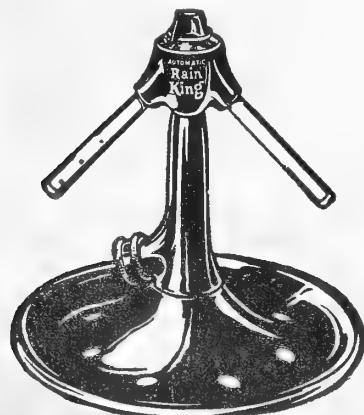
Here is a fine sprinkler that has won many friends. It will distribute water evenly over an area of 2 to 30 feet. Price, \$2.95.

## Rain King

The BEST SPRINKLERS MADE

This improved Rain King is easily adjustable for fast or slow or stationary sprinkling. Works on all water pressures.

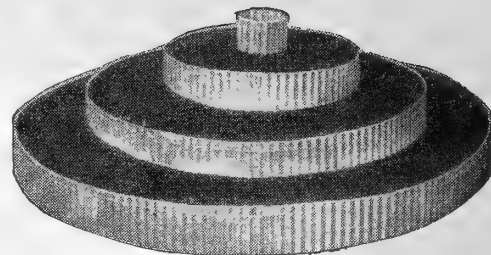
Model D .....	\$5.95
Model H .....	8.95
Model K .....	9.95
Nozzle .....	1.59
Model K20 Traveling ..	37.50



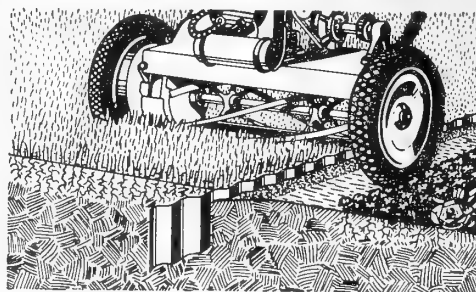
**Model K.  
Rain King**

## Strawberry Planting Pyramid

Holds up to 100 big plants, which could produce 100 qts. of berries the first season. Takes only a 6½ foot diameter space. Easy to weed, water and fertilize. Berries are clean, easy to pick. Pyramid made of galv. steel, \$9.95.



## No-See Grass Barrier

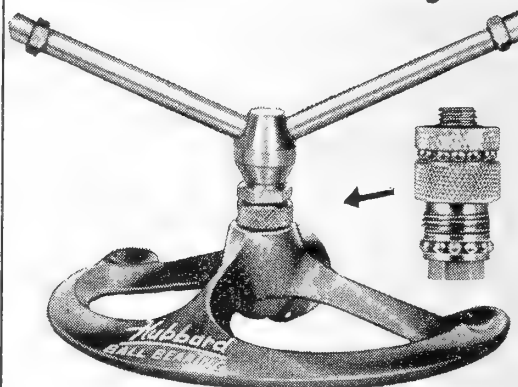


Is a corrugated galvanized steel strip, 26 inches long by 4 inches wide. When installed in soil with slight projection above soil level, it acts as a soil barrier to grass spread. Eliminates edges around flower gardens, trees, shrubs and driveways. Each, 30c; bundle of 20, \$4.79. 40 ft. connected, \$4.98.

## No-See Root Fence

Flowers are best displayed against a background of green foliage. Blooms seem more beautiful . . . colors more brilliant. So that shrub roots will not rob flower beds of moisture and fertility, stop roots with No-See Root Fence. 1-2 ft. section, 89c; 25-2 ft. sections, \$19.95.

## Hubbard Ball Bearing Lawn Sprinkler



Scientifically designed for a lifetime of dependable service.

Model V40 .....	\$4.95
Covers up to 40 ft.	
Model V50 .....	5.95
Covers up to 50 ft.	
Model V60 .....	6.95
Covers up to 60 ft.	
Model V70 .....	9.95
Covers up to 70 ft.	

Root Irrigator, \$1.98

Combination Sprinkler and Irrigator, \$3.98.



## Insecto-O-Gun

Kill insects with your garden hose. By simply using the water pressure in a garden hose you can now effectively spray your flowers, trees and shrubs with the same efficient results secured by power spraying methods. Applies all insecticides as easily as sprinkling the lawn. 3 gal. capacity size, \$5.95; postpaid, \$6.25.

## Bug-Gun Garden Hose Sprayer

Uses powder or liquid—any insecticide, fungicide or weed killer that is mixed with water to apply. Capacity, 1½ gal. Price, \$2.65; Postpaid, \$2.90.

## Gro-Gun

Attach Gro-Gun to your garden hose and fertilize while you water. You can use any liquid fertilizer, vitamin-hormone solution or soluble plant food. Each, \$2.95.

## Gard-N-Gun

The all-purpose sprayer for all kinds of insecticides or fungicides. Attach to garden hose, water pressure does the work. Finger-tip control. Each, \$3.95.



## Watering Cans Made to Last

Size	Galv. iron	Green
4 Qt.	\$2.60	\$2.75
6 Qt.	2.90	3.05
8 Qt.	3.19	3.35
10 Qt.	3.49	3.75
12 Qt.	3.80	3.95
16 Qt.	4.85	5.00

## Hotbed and Greenhouse Putty

\$1.55 to \$3.00 per gallon; 5 gallons \$7.25 to \$14.50.



## Scare-Away

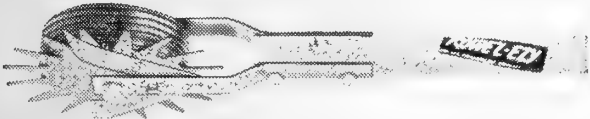
The modern scarecrow. Protects against destructive birds and small wild animals, newly planted seeds, tender young sprouts, all ripe berries, fruits and vegetables, etc. A new garden policeman useful from planting time to harvest. Pkg. of 10, 25c. (30c by mail.) 100 size, \$1.80; postpaid, \$2.00.

## Stump Remover

Now, for just \$1, remove huge, unsightly stumps, new or old, roots and all, without chopping, pulling, digging, blasting! No effort, no risk, no injury to surrounding vegetation. Safe, scientific. 4 oz. removes average-sized stump. 4 oz., \$1.00; 8 oz., \$1.50; 16 oz., \$2.50; 5 lbs., \$7.50; 10 lbs., \$12.50; 25 lbs., \$20.00.

## English Stainless Steel Trowels & Forks

These hand tools are the last word in quality and elegance in garden tools. A much appreciated gift to any gardener. Each, \$3.75.



## Rowel-Ezy All-Purpose Lawn Edger

For sidewalk edging, flower bed edging, trimming grass around fences, steps, trees, posts, etc., this tool is a marvel.

Model 50, For sidewalk edging only.....\$4.45  
Model 100, All-Purpose Edger & Trimmer..... 5.45  
Model 200, All-Purpose Edger & Trimmer..... 6.45  
Model 300, Heavy Duty Edger & Trimmer..... 6.95



Asparagus Knife, a splendid dandelion digger.  
Each .....\$0.49

## GARDEX "SOIL FLOW" GARDEN TOOLS



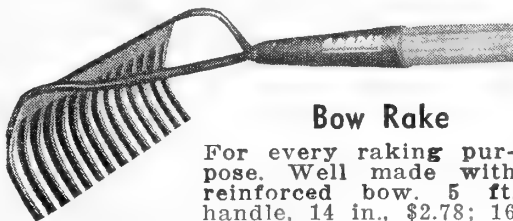
### Warren Hoe

For making trenches, hilling, weeding easier. 4½ ft. handle. \$2.67.



### Small Cultivator

Ideal for small flower and vegetable garden. Loosens soil perfectly. \$2.16.



### Bow Rake

For every raking purpose. Well made with reinforced bow. 5 ft. handle, 14 in., \$2.78; 16 in., \$2.99.



### Scuffle Hoe

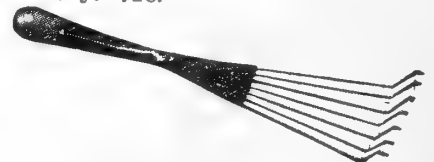
Made with thin blade of high grade steel. \$2.21.



### Speedy Cultivator

Sharply pointed tines. For working under low and over flowers and plants. 4½ ft. handle. \$2.57.

**Steel Hand Broom**  
Handy for getting leaves out of shrubbery. 71c.



## Featherlite Tools Deluxe

Solid 1-piece aluminum, won't rust, has amazing strength, light weight.

Trowel .....\$1.85  
Cultivating Fork..... 1.75  
Transplanting trowel..... 1.55  
All three of above, in Gift box.... 4.95

### Garden Trowel,

Voss stainless steel.....\$2.00

### Garden Trowel,

English, stainless steel..... 3.75

## Fruit Picker

A useful tool for picking fruit out of reach. Black metal frame and cloth bag 9 in. deep. No. 7 with 6 ft. handles, each \$3.50.



## Centrospray

The water sprinkler and Powder Duster. Can be used either way.

8 oz. size.....\$1.25  
Postpaid, \$1.50  
12 oz. size..... 1.85  
Postpaid, \$2.10

## Scollay Spray Bulb

For liquid only

Extra heavy, 8 oz. size, \$2.25; Postpaid, \$2.50.

## ABC Spray Bulbs

For liquid only

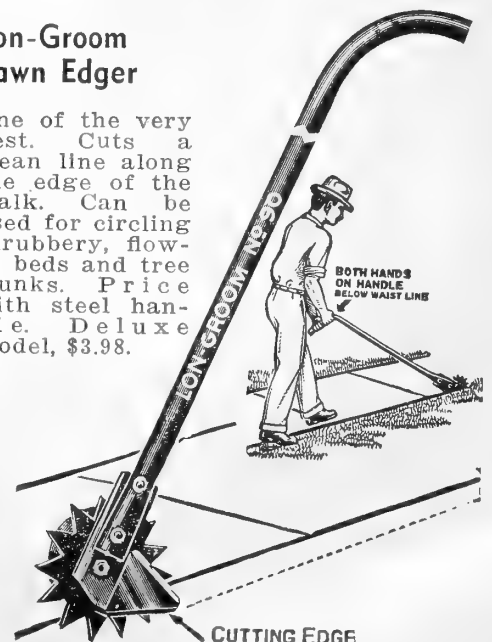
A, 4 oz. size.....\$0.50  
B, 8 oz. size..... 1.00  
C, 14 oz. size..... 1.50  
25c extra by mail



Centro-spray

## Lon-Groom Lawn Edger

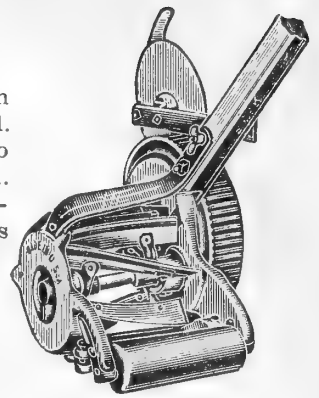
One of the very best. Cuts a clean line along the edge of the walk. Can be used for circling shrubbery, flower beds and tree trunks. Price with steel handle. Deluxe model, \$3.98.



CUTTING EDGE

## Lawn Edger and Trimmer

Is really like one-half of small Lawn Mower, with edging device attached. Allows you to trim all edges close to buildings, trees, etc., quick and clean. Takes the place of grass shears without any stooping. Reel has 4 blades and is 8 inches wide. Price, \$24.95.



## Weatherproof Pencil

Rain and weatherproof. Each, 20c.

## Killer Kane

Kills weeds in lawns the easy way—no stooping—just press gun lightly on weed. Saves clover. Use any weed killer in Kane. Price, \$1.79.

## Sprayer Kane

The easy way to spray.....\$4.95

## Rose and Flower Holding Shears

Cuts and holds flower in one operation. Protects hands from thorn cuts. Beautiful all-nickel finish. An ideal gift for flower lovers. Price, \$1.69 and \$3.00.



## Garden Groom Hoe

It works with ease and speed. Permits you to work close to plants without injuring foliage. Weight of The All-Purpose Hoe is only 1½ lbs., which is ideal for women to use around perennials, shrubs or garden crops...\$1.98

## Koroseal Plastic Hose

Will give twice the wear of ordinary garden hose. It's "light as a feather" yet reinforced to make it doubly durable for heavy duty.  
25 Ft., \$5.75; 50 Ft., \$9.80; 75 Ft., \$13.85.

## Gates Rubber Hose

	25 ft.	50 ft.
Shower, $\frac{5}{8}$ in.....	\$5.50	\$ 9.70
Full-Flo, $\frac{5}{8}$ in.....	7.00	12.80
Full-Flo, $\frac{3}{4}$ in.....	8.80	16.00
Stream Flex, $\frac{5}{8}$ in.....	8.24	15.70
Stream Flex, $\frac{3}{4}$ in.....	10.00	19.10
35-B Heavy Duty, $\frac{3}{4}$ in.....		20.75
35-B Heavy Duty, 1 in.....		28.45

## Resinate Gold Stripe Plastic Hose

	25 ft.	50 ft.	75 ft.
$\frac{1}{2}$ inch size.....	\$4.95	\$ 8.95	\$13.95
$\frac{5}{8}$ inch size.....	6.95	12.95	19.95
$\frac{3}{4}$ inch size.....	9.95	17.95	26.95

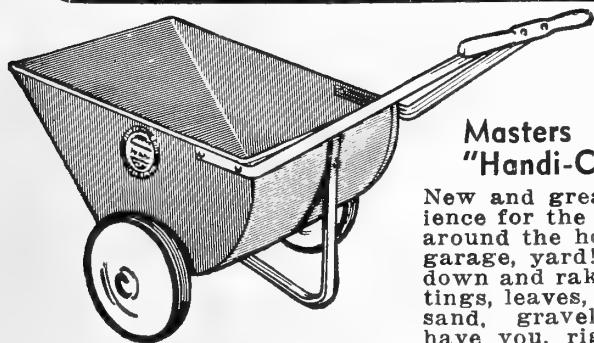
## TRAIN-ETTS

### New Weatherized TRELLIS NETTING

Ideal Support for SWEET

PEAS, GARDEN PEAS, POLE BEANS, CUCUMBERS, TOMATOES

Grows finer, larger flowers and vegetables. Hung with ease in 5 minutes; no fuss or bother. Use instead of string or wire. (Wire in sun burns delicate tendrils.) Doesn't rot like string—lasts several seasons. In 3 sizes, No. 1, 60x72 in. 75c; No. 2, 60x96 in. 95c; No. 3, 60x180 in., \$1.35. Postpaid.



### Masters "Handi-Cart"

New and greater convenience for the 101 odd jobs around the home, garden, garage, yard! Just tip it down and rake grass-cuttings, leaves, trash, earth, sand, gravel, or what have you, right into the cart—then tip it back and you have a full load. The

longer you have it, the more uses you'll find for it. Built extra strong to stand abuse! Small size, \$7.35. Large size, \$11.35.

## Fertilizer Spreaders

Sturdy, efficient machines for the even distribution of fertilizer or grass seed.

### Master Spreaders

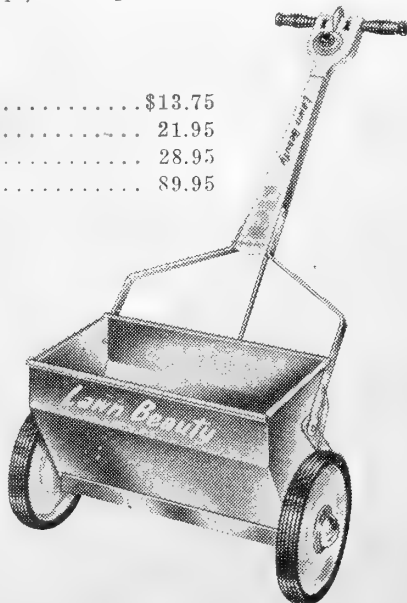
Model 15, 16 inch spread \$7.75.  
Model 25, 20 lb. capacity, deluxe rubber tires, \$8.75.  
Model 30, 50 lb. capacity, rubber tires, \$11.35.  
Model 40, 24 inch spread, \$14.75.  
Model M-241SD, 75 lb. cap., semi-pneumatic tires, \$61.75.  
Model M-361, 120 lb. capacity, steel wheels, \$59.75.  
Model M-361D, 120 lb. cap. semi-pneumatic tires, \$66.65.  
Model M-361SD, 120 lb. cap., semi-pneumatic tires, \$79.25.

### Lawn Beauty Spreaders

No. 16, 16 inch spread.....\$13.75  
No. 18, 18 inch spread..... 21.95  
No. 24, 24 inch spread..... 28.95  
No. 36, 36 inch spread..... 89.95

### Modern Spreaders

No. 300G—16 in.  
spread .....\$ 7.75  
No. 310G—22 in.  
spread ..... 9.75  
No. 350G—18 in.  
spread ..... 16.80  
No. 360G—24 in.  
spread ..... 19.95



## Terra-Lite

A Soil  
Conditioner

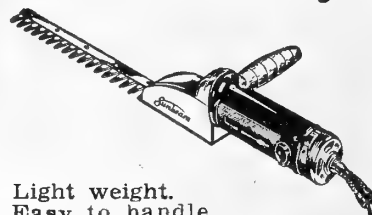
Improves  
Your  
Garden

**Terra-Lite\***  
BRAND  
**VERMICULITE  
PLANT AID**

Terra-Lite is the sure and easy way to start seeds. Use it for rooting cuttings, transplanting, ideal as a summer mulch and for worry-free storage of roots and bulbs in the fall. A soil builder. The new wonder garden aid

$\frac{1}{2}$  peck size, 45c;  $\frac{1}{2}$  bu. size (4 lbs.), 95c; 2 bu. bag (15 lbs.), \$1.95; 3  $\frac{1}{4}$  bu., \$2.35.

## Sunbeam Electric Hedge Trimmer



Light weight.  
Easy to handle.

A fine hedge trimmer, built and powered to do long trimming jobs required of a professional gardener. Light in weight, sturdy construction, equipped with 10 ft. of cord and plug. Price, each, \$45.75. Extra cord available.

## Potato and Corn Planters

**No. 300 Potato Planter.** Will plant up to 4 acres a day. Easy to operate in any kind of soil. Each, \$3.75.

**Corn Planter.** Will give years of satisfactory service. Accurate and easy to operate.

No. 306A Hand, \$6.35.

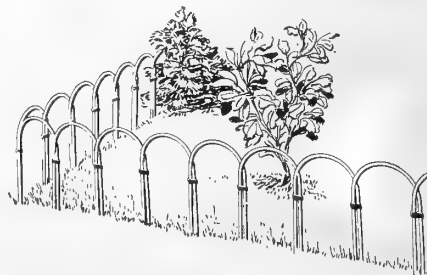
No. 308 With fertilizer attachment, \$8.57.

No. 314 Victor Long Life, \$8.50.

## Hole-in-One Planter

Plant setter and bulb planter. This handy tool makes a hole in one operation. Merely cut the tool into the soil, remove it with a slight twisting motion and the soil comes with it, leaving a clean hole in which plants or bulbs may be set. Each, 75c.

## Stikit Wikit Fencing



Easily installed, each unit is 21" high, 12" wide, green baked enamel on  $\frac{1}{4}$ " hardened steel. Carton of two dozen makes 24 feet of fence, enough for the average flower bed. Price, dozen, \$2.40.

*Like* **ALL NIGHT RAIN**

IT REALLY SOAKS THE SOIL



Size	Length	Price
No. 0	12 ft.	\$1.80
No. 1	18 ft.	2.40
No. 2	30 ft.	3.70
No. 3	50 ft.	6.00

**SOIL-SOAKER**

## Soil-Soaker

Is made of porous canvas and especially useful for watering terraces, narrow places, flower gardens and hedges. Soil-Soaker screws to the end of water hose, replacing the nozzle or sprinkler. When the water is turned on, Soil-Soaker fills with water—and normal pressure forces water through the pores of the entire surface of Soil-Soaker, without spray.



## Aluminum Markers

For garden, pots, seeds and bulbs. Consists of aluminum label and stake. Provides perfect identification of plant, seed, bulb, etc. Mark with ordinary pencil or ball point. Price, set of ten, 50c; P.Paid, 55c



## Aluminum Ty-On Plant Tags

For trees, shrubs, roses, etc. Mark with pencil or ball point. Price, 25 tags, 25c; P.Paid, 30c



## Neegards

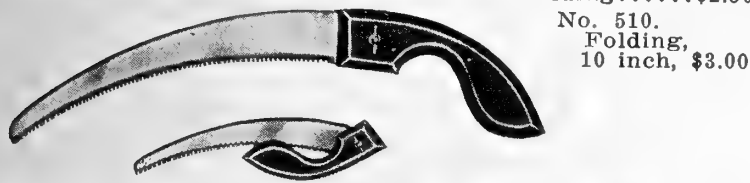
The knee protectors are absolutely necessary for men or women who do work that requires kneeling on the ground or floor . . . such as gardening, floor work, linoleum laying, etc. Adjustable and form fitting. Pair, \$2.00; by mail, \$2.30.

## Judsen Knee Pads

Made of molded rubber, gives a soft cushion for aching knees, more protection, comfort and efficiency for every kneeling job. Per pair, \$3.00.

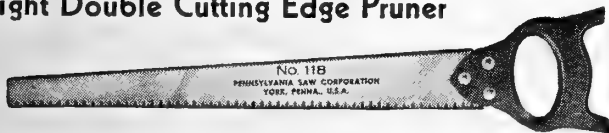
## Curved Pruning Saw

No. 124. 12 in. .... \$2.25  
No. 133. 10 in. Folding..... \$2.50



No. 510.  
Folding,  
10 inch, \$3.00

## Straight Double Cutting Edge Pruner



Hardened and tempered blade. No. 116, 16 in. blade, \$2.25; No. 118, 18 in. blade, \$2.50.

## Forestry Pruner

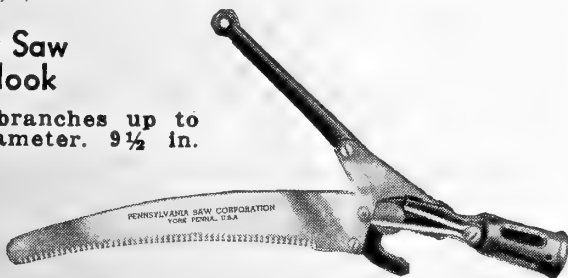


Long narrow blade with coarse teeth. 20 in. blade, \$4.50; 24 inch blade, \$4.75.

## Pole Pruning Saw Shear and Hook

For cutting branches up to 3/4 in. in diameter. 9 1/2 in. blade, \$5.65.

Without blade, \$4.25



## Ezy-Cut Long Handled Pruner

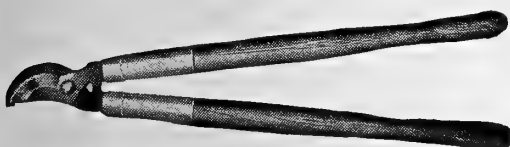
A rugged tool that will cut 2 inch green wood with ease. No.

25, 28 inch handle, \$6.75; No. 26, 36 inch handle, \$7.25



## Rockdale Pruner

A popular low priced quality tool. Cuts 1 1/4 inch branches. No. 45, 22 inch handle, \$3.98; No. 48, 35 inch handle, \$4.75.



## Hedge Shears

Corona No. 7—  
8 in. .... \$5.25  
Corona No. 7  
long, 8 in... 5.45  
VBS No. 1.... 3.95  
S.S. No. 64,  
9 in. .... 5.75



## Raffia (Natural or Green)

The best tying material for plants. Also used for basket making. Natural: 1/2 lb., 45c; 1 lb., 75c; 5 lbs., \$3.25; 10 lbs., \$6.00. Green: 1/2 lb., 50c; 1 lb., 95c; 1 lb., \$1.55 Postage extra on mail orders.

## Leaf Mold

Thoroughly decomposed, purely organic. Fine for seedling and potting earth. 5 lbs., 50c; 10 lbs., 75c; 25 lbs., \$1.15; 50 lbs., \$1.85; 100 lbs., \$3.00.

## Sphagnum Moss

For mulching and lightening soil and for making compost. 1 lb., 50c; 1 bale (about 18 lbs.).....\$3.50

GROWRIGHT SPHAGNUM MOSS SEED STARTER. 3/4 peck, \$1.19; 7 peck bag, \$4.25.

## Wire Plant Props



These require no tying as the loop at the top can be slipped around the plant stem. Prices: 16 in., doz., 80c; 30 in., doz., \$1.70; 42 in., doz., \$2.20; 66 in., doz., \$3.60; 78 in., doz., \$5.40.



## Metal Wicket Shields

These green enameled Metal Shields can be used as a protection around flower beds, evergreens, shrubs, etc. Approximate dimensions: 21 in. high, 13 in. wide. Each, 25c; 2 for 45c; doz., \$2.75. (Doz. weight, 8 lbs.)

## Fence Rods

These fence rods are made of sturdy 1/4 inch steel with two loops which will support wire, clothes lines and even rope. Keep traffic off the lawns and flower beds. Mighty handy for circling trees and ornaments to keep dogs at a safe distance. Rods 33 inches. Dozen, \$2.25. Weight, 6 lbs. Rods, 48 inch. Dozen, \$2.85. (Weight, 10 lbs.) (Postage extra on mail orders.)



## Trellises

A small investment in trellises will work wonders in beautifying your home premises. We carry a large assortment of trellises to suit your particular need and we invite you to come and see our display and low prices.

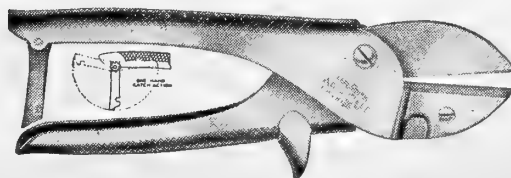
Have them in many widths and designs as well as fan-shaped trellises.



## Peony or Plant Support

Constructed of heavy galvanized wire to make a rigid support for peonies, delphiniums, tomatoes, etc. Easy to adjust to plant.

	Dia.	High	Each	Doz.
No. 6	14 in.	30 in.	\$0.65	\$ 6.50
No. 6	18 in.	30 in.	.75	7.50
No. 3	24 in.	42 in.	1.50	15.00

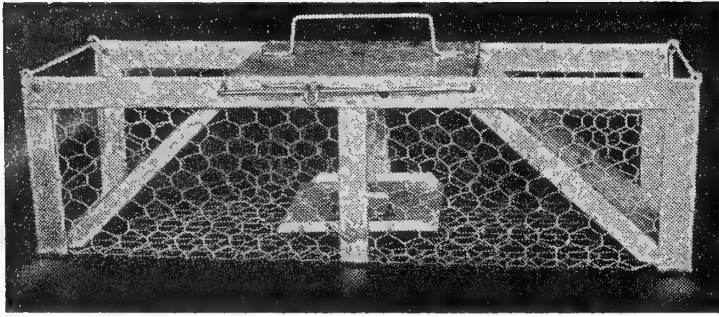


Snap-Cut Pruning Shears. Cuts easier and cleaner. Price, \$2.95. Add 15c on mail orders.



Peony Support.

## Havahart Humane Animal Traps



No. 1 for weasels, rats, chipmunks.....\$ 4.85  
No. 2 for muskrats, mink, rabbits, squirrels..... 5.95  
No. 3 for woodchucks, raccoons, opossums, cats.... 13.30  
No. 6 special mink trap..... 13.65  
No. 7 special fox trap..... 27.50

**No. 10 Sparrow Trap.** Cannot harm any bird. Songbirds caught accidentally, can be released unharmed. Price, \$12.25.

## Hotkaps

Help you grow earlier, hardier vegetables, flowers. Hotkaps—strong little hot-houses—protect plants from destructive frost, storms, insects. University tests prove Hotkaps increase yield 18% to 51%, nearly double early marketable yield, ripen crops 3 weeks earlier for highest prices. Quick, easy to set. 100 million used. Premium profits pay for them many times over.



25 with setter (wt. 2 lbs.).....\$ 0.95  
100 with setter (wt. 5 lbs.)..... 3.45  
250 with setter (wt. 10 lbs.)..... 6.50  
1,000 Hotkaps (wt. 33 lbs.)..... 19.95  
Postage extra on mail orders.

## 'TWIST-EMS'—Help you support plants quickly.

A twist of the wrist and the plant is tied. Twist-ems are dark green strong tapes with wire reinforcing that makes perfect plant ties. Used by vegetable and market gardeners as a bunching tie, and for tomato, berry and flower growers for staking and bunching. A time and labor saver.

Pkg. of 200 4 inch.....25c  
Pkg. of 35 8 inch.....10c  
Pkg. of 50 8 inch.....15c  
Pkg. of 100 8 inch.....25c  
Pkg. of 100 16 inch.....50c



**UTILITY TWIST-EMS.** For vegetable and flower growers, nurserymen and florists.

Size	1000	5000	10,000	25,000
	per 1000	per 1000	per 1000	per 1000
4-inch	\$0.98	\$0.92	\$0.89	\$0.83
7-inch	1.55	1.45	1.40	1.30
8-inch	1.73	1.61	1.55	1.45
12-inch	2.62	2.44	2.35	2.23
16-inch	3.50	3.25	3.13	2.90

(Postage extra on mail orders. 1,000 weigh one pound.)

**New Handy Twist-Em Package.** This new colorful, handy package contains a roll of 250 continuous feet of Twist-Em. A snip of the shears and you have the exact length for every purpose—for tying annuals, shrubs, vines, vegetables—arranging flowers, etc. Price, \$1.00.

## Noma Spray Underground Sprinkler System

A permanent underground lawn sprinkler system. Complete spray unit is made of highest quality Corrosion resistant brass with vinyl plastic hose, designed to give you a lifetime of trouble-free service. Freezing has no effect on unit. Come completely assembled, nothing to put together, ready to install in ground.

No. 4530, 35 spray head unit, covers 750 sq. ft.....\$14.95  
No. 4550, 50 spray head unit, covers 1200 sq. ft..... 24.95

**BIRD BATHS** .....\$6.75 to \$12.00

## Bird's Water Proof Paper Flower Pots and Plant Bands

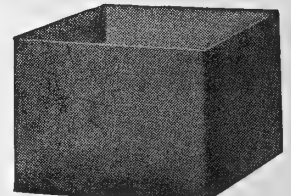
### RED PAPER POTS

	Doz.	25	100	500	1,000
2 in..	\$0.25	\$0.45	\$1.25	\$4.80	\$8.60
2 1/4 in..	.25	.45	1.25	4.80	8.60
2 1/2 in..	.25	.45	1.25	4.85	8.70
3 in..	.30	.50	1.30	5.00	9.15
3 1/2 in..	.35	.55	1.50	6.65	12.20
4 in..	.40	.65	1.85	7.85	14.70
5 in..	.45	.75	2.10	9.65	18.15
6 in..	.50	.90	2.50	11.75	22.25



### BLACK PAPER POTS

	Doz.	25	100	500	1,000
2 in..	.30	.50	1.75	7.50	14.60
2 1/4 in..	.30	.55	1.80	7.65	14.95
2 1/2 in..	.35	.60	1.90	8.00	15.50
3 in..	.40	.65	2.00	8.75	17.40
3 1/2 in..	.40	.70	2.50	11.50	22.70
4 in..	.45	.75	2.75	12.75	25.70
5 in..	.60	1.00	3.50	16.60	33.40
6 in..	.70	1.25	4.60	21.50	44.10



Plant Band

### VITA-BAND NO. 10—For about 10 weeks of growing.

	Doz.	25	100	500	1,000
1 1/4 x 1 3/4 x 2 1/2	\$0.15	\$0.25	\$0.65	\$2.50	\$4.20
2 x 2 x 2 1/2	.15	.25	.70	2.75	4.80
2 x 2 x 3	.20	.30	.75	3.00	5.30
2 1/2 x 2 1/2 x 3	.20	.30	.80	3.25	6.00
3 x 3 x 3	.25	.35	.90	3.75	6.90
4 x 4 x 3	.25	.40	1.00	4.75	9.00
4 x 4 x 4	.30	.45	1.50	6.00	11.25

### VITA-BAND D—Nutrient treated, band disintegrates after transplanting in soil.

	Doz.	25	100	500	1,000
1 1/4 x 1 3/4 x 2 1/2	\$0.15	\$0.25	\$0.70	\$2.35	\$4.35
2 x 2 x 2 1/2	.15	.25	.75	2.55	4.90
2 x 2 x 3	.20	.30	.85	2.95	5.60
2 1/2 x 2 1/2 x 3	.20	.30	.85	3.25	6.05
3 x 3 x 3	.25	.35	.90	3.75	7.05
4 x 4 x 3	.35	.50	1.50	5.00	9.25
4 x 4 x 4	.40	.60	1.75	6.25	11.60

### VITA BAND 'H'—For Extra Long Growing Period

	Doz.	25	100	500	1000
1 1/4 x 1 3/4 x 2 1/2	\$0.20	\$0.35	\$0.85	\$3.00	\$5.60
2 x 2 x 2 1/2	.25	.40	.95	3.25	5.95
2 x 2 x 3	.25	.45	1.00	3.90	7.10
2 1/2 x 2 1/2 x 3	.30	.50	1.20	4.75	7.65
3 x 3 x 3	.30	.55	1.30	5.25	8.50
4 x 4 x 3	.35	.60	1.50	6.00	10.45
4 x 4 x 4	.35	.70	1.65	7.00	12.90

### VITA-GREEN POTS—For Growing and Shipping.

Plant pot and all, pot will rot in ground. Eliminates transplanting stock. Produces stronger, healthier plants. Nutrient treated for better growing.

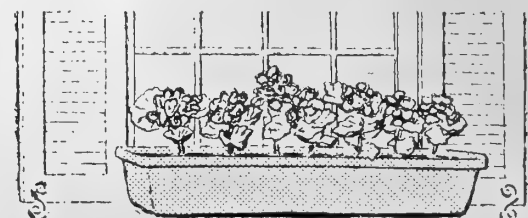
Size	Doz.	25	100	500	1000
2 1/4 inch	\$0.35	\$0.50	\$1.50	\$4.50	\$7.10
2 1/2 inch	.50	.75	1.75	5.50	8.60
3 inch	.75	1.00	2.25	7.50	12.40
3 1/2 inch	.75	1.10	2.50	8.00	14.30
4 inch	.85	1.25	2.75	9.00	16.75



## Garden, Pot and Tree Labels

	Doz.	Painted 100	250	1,000	Plain 1,000
Copper wired tree labels,					
3 1/2 inches	\$0.15	\$0.75	\$1.65	\$5.45	\$4.45
4-inch pot labels	.15	.70	1.35	4.50	3.75
5-inch pot labels	.15	.75	1.50	4.75	4.00
6-inch pot labels	.15	.75	1.65	5.40	4.40
8-inch pot labels	.20	1.20	2.25	7.95	6.45
10-inch pot labels	.25	1.50	2.50	9.30	7.70
12-inch pot labels	.30	1.75	3.25	10.95	8.95
8-inch garden labels	.30	1.75	3.25	10.95	9.40
10-inch garden labels	.30	1.85	3.60	12.25	10.65
12-inch garden labels	.45	2.65	5.50	20.15	18.15

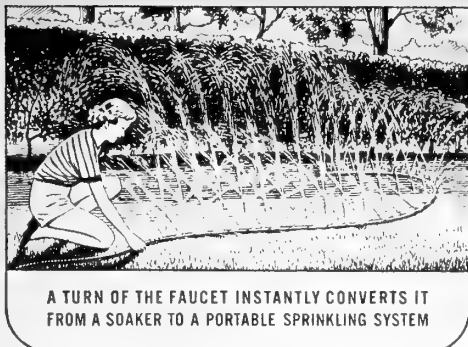
## Flower boxes in Fiber Glass



## Resinite Soaker-Spray

Resinite Soaker-Spray is made of vinyl-plastic, is durable and permits proper seepage of water for soaking rose or flower beds, etc., or lawn sprinkling.

20 foot length, \$1.95  
50 foot length, 3.75



Twin-Tube, 25-foot length.....\$3.30  
Twin-Tube, 50-foot length.....4.95  
Triple Tube, 25 ft. length.....3.95  
Triple Tube, 50 ft. length.....5.95

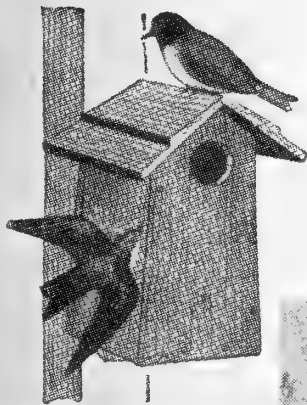
## Sudbury Soil Test Kits

You cannot grow a successful garden unless there is sufficient plant food in the soil. A Sudbury Soil Test Kit will indicate what is lacking, if anything.  
Acid-Alkaline Test Kit...\$1.49  
Home Gardener, 20-test kit.....2.98  
New Club Model, 50-test kit.....5.89  
Horticultural Model...14.95  
Deluxe, steel case 200-test kit.....29.95  
Refills are available. Specify kit number or model.



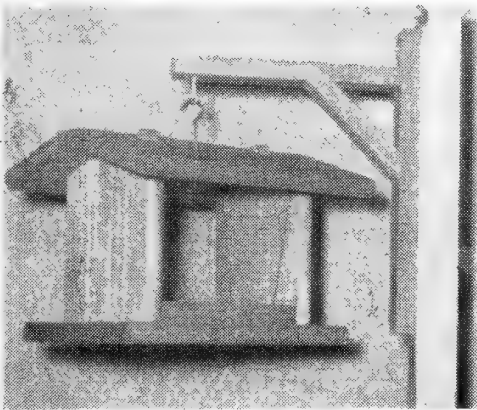
## Bird Houses

Put out a bird house or two in your yard. You will be richly repaid for your trouble. The birds each year will become a source of happiness and joy to you with their ever present and cheerful song. Here in the Northwest, song birds begin arriving in March and bird houses should be in place then ready for the birds. Come in and see our large assortment of bird houses.



## Bird Feeders

These are primarily for winter feeding but if sunflower seed and suet is hung out in summer in a feeder it will tempt and invite birds like cardinals to make your yard their permanent home—summer and winter.



**Prices:** Due to present conditions over which we have no control, all prices quoted in this catalog are subject to change without notice.



## DUNHAM Water Weight Lawn Roller

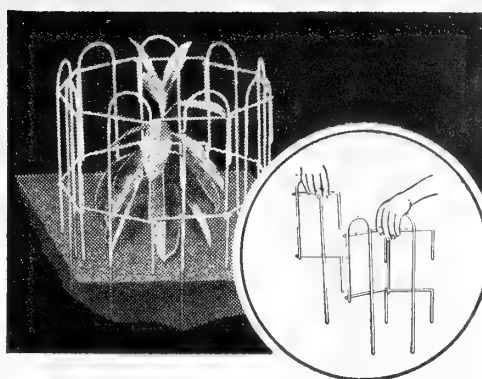
Can be filled with water or sand. Edge of drum rounded to prevent tearing of sod. Axle runs through the roller and is equipped with roller bearings or with plain bearings.

Add more or less water or sand to roller to conform with conditions—light for moist lawns, medium for dry lawns, and heavy for paths.

Size	Empty	Filled	Price
No. 2—14x24	50 lbs.	160 lbs.	\$18.50
No. 4—18x24	60 lbs.	220 lbs.	22.40
No. 7—24x24	80 lbs.	400 lbs.	30.50

## Fence' In

Fencing that beautifies as it protects. Made of strong 9-gauge steel wire, with baked-on white enamel. Come in 6 inch sections, 18 inches high. Each, 10c.



## Ground Corncob Garden Mulch

A corncob mulch around roses, shrubs, evergreens, flowers, strawberries, vegetables. Keeps them growing and healthy, more bloom—increased yield. Discourages weed growth. Large 2½ bu. bag, \$1.10.



## National Eezy Wear Garden Gloves

Give you everything you want—



Fine goat skin, long wearing Garden Gloves. Men's small, medium or large size, \$1.75 a pair. Ladies' small, medium or large, \$1.65 a pair.

## Gloves

We carry a large assortment of canvas, leather and rubber gloves, in addition to gloves listed.

**Handy Ann Garden Gloves**—These beautiful color canvas gloves are handy to put on for so many things besides garden work. Have them with or without gauntlets. Per pair, 55c to 87c.

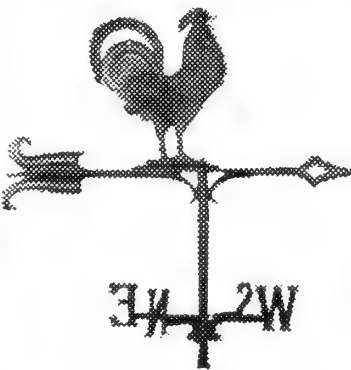
**Kreme Skin Gloves**—Made of lambskin, exquisitely soft and long wearing. Use for gardening, motoring, etc. small, medium and large. Price, \$2.00.

**Green Thumb**—For gardening, dusting, painting. Dirt repellent, washable, long-wearing. Pair, 98c.

**Soft Touch**—For household and garden. Washable, feel like kid, wear like iron. Pair, ladies, 98c; men's, \$1.19.

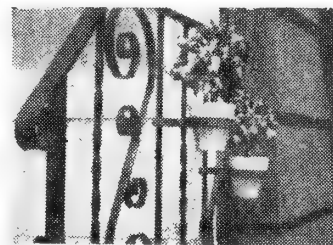
## Whitehall Weather Vanes

They add a distinctive charm to your home, cottage or lake cabin. We have a wide variety to choose from. Available in 81 unusual and beautiful hand carved designs in three different sizes. Made of all-aluminum, no-rust construction, to last. Prices from \$13.50 and up.



## Electro-Hoe

Weeds and tills soil effortlessly, digs furrows quickly. Fits easily on any ¼ in. electric drill. Garden can be cultivated in a fraction of the time it takes with spade or hoe. You can give your garden loose healthy soil the easy way, with an Electro-Hoe. A great labor and time saver. Price, \$16.95



## Flower Potholder

To beautify your home entrance, hang potted flowering plants in these heavy cast iron potholders, to your porch railing. Also can be used for holding potted plants in cemetery. Holds 5½ or 6 inch clay pots. Potholder painted black. Price, pair, \$2.98; postpaid, \$3.48.

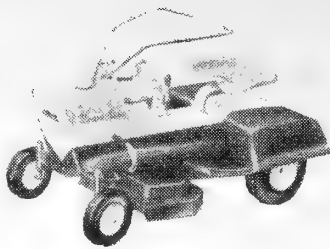
## Pot Clips

The new way to hang flower pots to beautify your picture window, door entrance, etc. Fit all standard size clay pots, from 2 to 8 inches. 4 klips, 79c; 6 klips, \$1.00.



## Porter-Cable Riding Mower

The perfect riding mower for homes, apartment buildings, estates, parks, schools, cemeteries, golf courses, public buildings, camps, resorts, factories, institutions. Designed for lawns of all sizes.



Powered by a heavy-duty 3.6 h.p. 4 cycle engine. Use the Porter-Cable Riding Mower on all types of outside jobs—to seed and grade in the Spring, cut and mow in the summer, clear snow in the winter and haul loads all year long. Drop in and see this marvelous mower, or write for illustrated folder.

## Jacobsen-Worthington Power Mowers

In addition to Lawn Queen Lawn Mower listed below, we have ten other Jacobsen-Worthington models to suit every need, from 18 inch to 62 inch cutting width. Free descriptive folder sent on request.

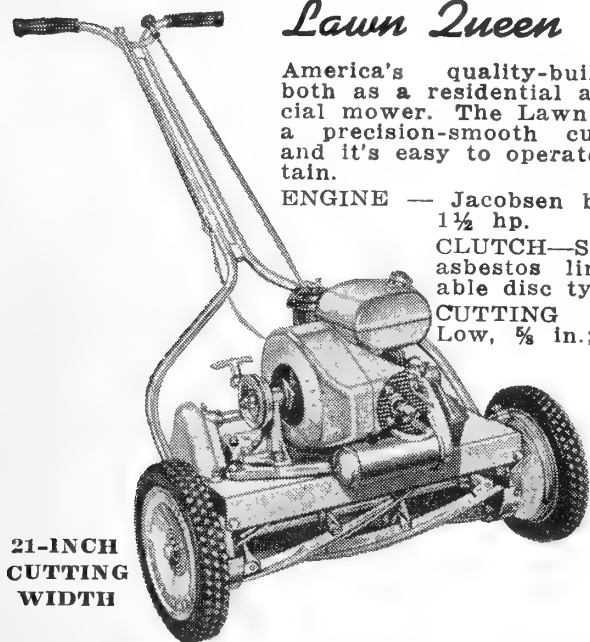
### Lawn Queen

America's quality-built favorite both as a residential and commercial mower. The Lawn Queen does a precision-smooth cutting job—and it's easy to operate and maintain.

ENGINE—Jacobsen built engine, 1½ hp.

CLUTCH—Single plate, asbestos lined, adjustable disc type.

CUTTING HEIGHT—Low, ⅝ in.; high, 2 in.



21-INCH  
CUTTING  
WIDTH

### Manor

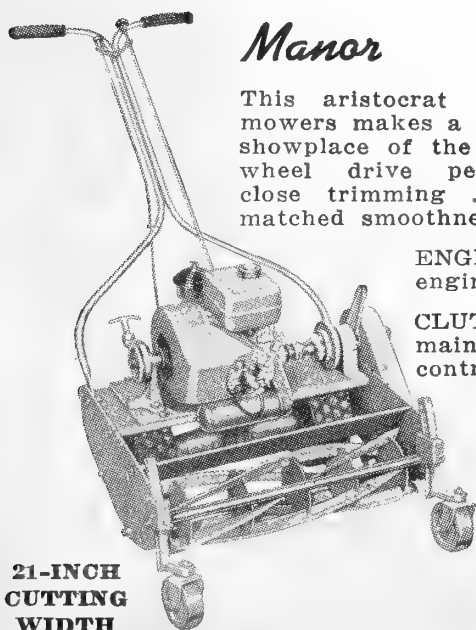
This aristocrat of modestly priced mowers makes a landscaped lawn the showplace of the neighborhood. Rear wheel drive permits exceptionally close trimming . . . produces unmatched smoothness of cut.

ENGINE—Jacobsen built engine, 1½ hp.

CLUTCHES—Single disc main drive clutch with control on handle. Separate reel clutch with control on side frame. Reel and traction can be operated independently.

CUTTING HEIGHT—Low, 5/16 in.; high, 2¼ in.

CUTTING WIDTH—Full 21 inches.



21-INCH  
CUTTING  
WIDTH

Riding Sulky available as optional equipment.

## Jari "Master" Rotary Tiller-Cultivator

### 2-YEAR GUARANTEE

The JARI-MASTER Tiller is specially designed to make tilling and cultivating an easy job. You can actually run it with just one hand.

It's self-propelled with 2¼ HP B & S Engine, featuring Jari's revolutionary Hook Drag with the "POINT OF PULL" located below and in front of wheel axle to increase tire traction and machine stability.



TINES: Self-sharpening. Unconditionally Guaranteed against breakage.

INSTANT DEPTH SETTING: Handy Crank provides instant depth setting down to 8 inches, even while machine is operating.

INSTANT WIDTH SETTING: 26 inch width is instantly changed to 20 inches or 14 inches, without tools.

ADJUSTABLE HANDLE BARS: Adjust Up or Down for Operator height; also to Left or Right of worked area.

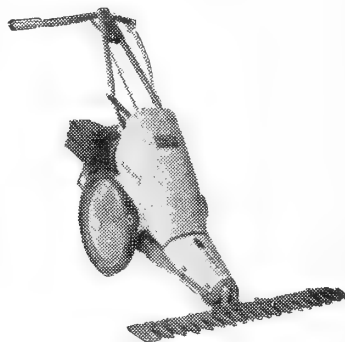
WRITE OR CALL FOR ILLUSTRATED FOLDER

## Jari "Champion" with "Floating" Sickle Bar

### 2-YEAR GUARANTEE

JARI CHAMPION has a Floating Sickle Bar which makes it so easy-to-handle, you can run it with just one hand over the roughest ground. 2¼ HP B & S engine provides plenty of reserve power for Heavy Brush, high Weeds or Saplings. 36 inch or 44 inch Sickle Bars available.

CHAMPION gives you faster cutting on larger areas with practically no work except guiding the machine. It is the lowest-priced cutting, per inch of width, you can buy.



ATTACHMENTS: 20 inch Rotary Snow-Thrower; 24 inch Reel Mower;

12 inch Rotary Garden Tiller-Cultivator; 10 Gal. Power Sprayer.

WRITE OR CALL FOR ILLUSTRATED FOLDER

## The New Improved Springfield Lawn Sweeper

The Springfield Lawn Sweeper gently lifts and collects paper, leaves, sticks, stones, and fresh cut or dead grass without harm to the growing grass. It lifts low-growing crab grass and other spreading weeds, so the lawn mower can cut off the seed pods before they ripen.

Removes quantities of foul weed seeds that would otherwise germinate in your lawn.



Parker Springfield, 28 in. Sweeper.....	\$57.50
Parkerette, 20 in. Sweeper.....	33.50
Parkerette, 28 in. Sweeper.....	41.00
Home Master, 36 in. Power Basket.....	165.00

Due to present conditions, all Springfield Sweeper prices are subject to change without notice.

## Clay Flower Pots

### Standard Pots

Size inch	Each	Doz.	100	Size inch	Each	Doz.	100
2	\$.03½	\$.35	\$2.60	5	\$.14	\$1.30	\$10.50
2¼	.04	.40	2.80	5½	.14½	1.65	13.50
2½	.04½	.45	3.30	6	.17½	2.00	16.00
3	.05	.50	4.10	7	.30	3.25	25.00
3½	.05½	.65	5.40	8	.40	4.50	37.50
3¾	.07½	.80	6.20	9	.65	6.50	55.00
4	.08	.85	6.40	10	1.00	10.50	75.00
4½	.10	1.10	9.00	12	1.75	19.50	135.00

**Azalea Pots** at above prices, starting with the 4 inch size, to the 12 inch size, inclusive.

## Plant Stakes

### Bamboo Green, Light

Size	Doz.	25	100	Size	Doz.	25	100
2 Ft....	\$.20	\$.35	\$1.30	5 Ft....	\$.60	\$1.00	\$3.75
3 Ft....	.30	.50	1.90	6 Ft....	.80	1.50	5.00
4 Ft....	.45	.75	2.90	18 inch..	.20	.35	1.25

### Bamboo Heavy, Natural

Size	Doz.	25	100
5 Ft., 5/8-3/4	.....	\$2.50	\$5.00
6 Ft., 1 1/2-5/8	.....	2.50	5.00
7 Ft., 1 1/2-5/8	.....	3.50	6.25
8 Ft., 5/8-3/4	.....	3.50	7.00

**Green Plant Props**, wooden, 18 inch 25, 25c; 50, 50c; 100, 85c

## Aluminum Trellis

Attractive, accents the beauty of vines and flowers, this rust-proof trellis won't burn sensitive vines. Will last indefinitely. Easy to roll up and store in the Fall. Ten foot high, 24 inch wide trellis with rods and screw hooks in carton, \$5.78; postpaid, \$6.18; 25 ft. size, \$13.16; postpaid, \$13.60.

**Aluminum Grass Stop**, 40 Ft. x 4 in. ....\$5.43

**Aluminum Garden & Arbor wire**, 25 ft. .... .65

## Ice Rem

Made in pellet form, Ice Rem has 30 times greater thawing capacity than salt. Melts ice and snow in seconds. Leaves no messy residue. Ideal to use to prevent dangerous slips and falls. 10 lbs., \$1.69; 25 lbs., \$4.19; 50 lbs., \$7.49; 100 lbs., \$13.95.



**Starter Cartridge** (10-52-17) for quick rooting—to be used for two feedings after transplanting. **Neutral Cartridge** (8-16-8) for most plants, roses, shrubs and trees. Contains all growth elements. **Acid Cartridge** (10-20-20) for balanced growth for evergreens, berries, apples and all acid-loving plants. Above cartridges \$1.00 a dozen, \$1.25 postpaid. **Soil corrector** for iron chlorosis. Box of 12, \$1.50; p.paid, \$1.75.



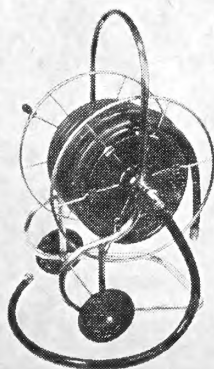
## Waters Tree Pruner

A very good Tree Pruner at a low price. The blade is made of high carbon tool-steel accurately ground to cut perfectly true. Hook also made of carbon steel.

6-ft. Each	.....	\$4.95
8-ft. Each	.....	5.50
10-ft. Each	.....	5.95
12-ft. Each	.....	6.50

## Hose Reel

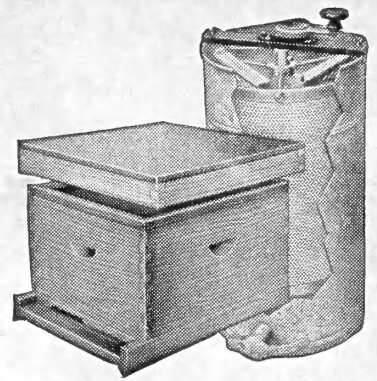
Adds to your gardening pleasure. Water pressure instantly, as required, whether you unreel 5 ft. or 100 ft. No kinking of hose. Built for many years of service. Capacity 100 ft. of hose (as shown). Price, \$14.95; Wall type, \$11.95.



## Root Bee Supplies

### EVERYTHING FOR THE BEEKEEPER

Please write or call for Root 1957 Bee Supply catalog, which lists a complete line of Bee supplies and prices. We shall endeavor to fill your order promptly, but order early.



## Bird Seed

The seed we offer is carefully selected and of the highest quality. We shall be pleased to quote you in larger amounts than those we have listed. **Please add postage to mail orders.**

	1 lb.	5 lbs.	10 lbs.
Canary Bird Mixture.....	\$0.30	\$1.35	\$2.60
Parakeet Mixture .....	.25	1.20	2.25
Canary Seed, only.....	.40	1.75	3.00
Hemp .....	.60	2.50	4.00
White Millet .....	.25	.90	1.75
Rape, small red.....	.40	1.75	3.00
Sunflower, large parrot.....	.60	2.25	4.00
Lettuce Seed.....	.75	.....	.....
Thistle Seed .....	.65	2.50	4.50
Poppy Seed, white .....	.50	2.25	4.00
Bird Gravel (bulk) .....	.05	.25	.40
Cuttle Bone (small size) .....	.....	.....	oz., 25c

## Bird Remedies and Feeds—Fish Food

Bird Bitters .....	15c	Lice Powder .....	15c
Bird Nesting .....	10c	Mite Powder .....	25c
3V Song Food.....	35c, \$1.00	Moulting Food .....	35c
Nestling Food.....	15c and 40c	Fish Food.....	10c & 50c
Catnip .....	15c	Aquarium Cement.....	50c

## Kellogg's Bird Seed

Petamine, 5 oz.....	\$.35
2 lbs., \$1.20; 5 lbs...	2.40
Budgimine, 5 oz.....	.35
2 lbs. \$1.20; 5 lbs.....	2.40
Treat, 5½ oz.....	.35

## Budgerigar

Seed, 14 oz.....	\$0.35
Bird Seed, 14 oz.....	.30
Bird Gravel, 24 oz.....	.25
Budgerigar Grit, 24 oz.	.25

## Salt

Water Softener. A Kleer. 100-lb. bag.....	\$2.25
Water Softener, pelleted.....	3.75
CC-Rock, Ice Cream, Sidewalk. 100-lb bag.....	2.25
FC-Coarse, Stock or Hay. 100 lbs.....	2.15
White Cattle. 50-lb. block, each.....	1.00
Iodized. 50-lb. block, each.....	1.25
Sulphurized. 50-lb. block, each.....	1.20

## Carry-Safe Egg Cartons

1 doz.....	\$0.35	100 .....	\$2.25	500 .....	\$ 9.00
2 doz.....	.65	250 .....	4.75	1,000 .....	17.75

## 2x6 Deluxe Double Fold Egg Cartons

1 doz.....	\$0.45	100 .....	\$2.95	500 .....	\$13.50
2 doz.....	.85	250 .....	7.00	1,000 .....	26.75

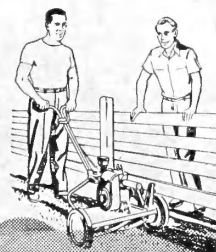
## OUTSTANDING DOG FOODS

**PURINA DOG CHOW** is a complete food made of dried meat, dried milk, wheat germ, barley malt, cod-liver oil and other health building ingredients. Dogs love it. To suit your dog's taste Dog Chow comes in two forms, meal or checkers. Feed either one or both for variety.

**GAINES.** A popular dog feed throughout United States and Canada. Comes in two sizes, Krunchons or Meal.

**NUTRENA DOG FOOD.** Stepped-up with special livium vitamins for dogs. Meal or nuggets.

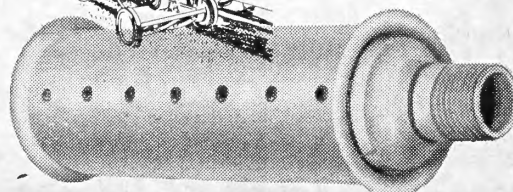
**KASCO DOG FOOD.** A complete dog ration, the dog food that can keep your dog in perfect condition at the lowest possible cost. Please call, phone or write for price.



## RACKET ROBBER MUFFLER

Quiets Power Mower Exhaust Noise

Scientifically designed like an automotive muffler, to eliminate nerve-wracking blast, bark and bang, reduce exhaust noise to a quiet, more pleasant



tone. Fits most mowers, either reel or rotary. Racket Robber Fogger Kit, complete, \$6.95.



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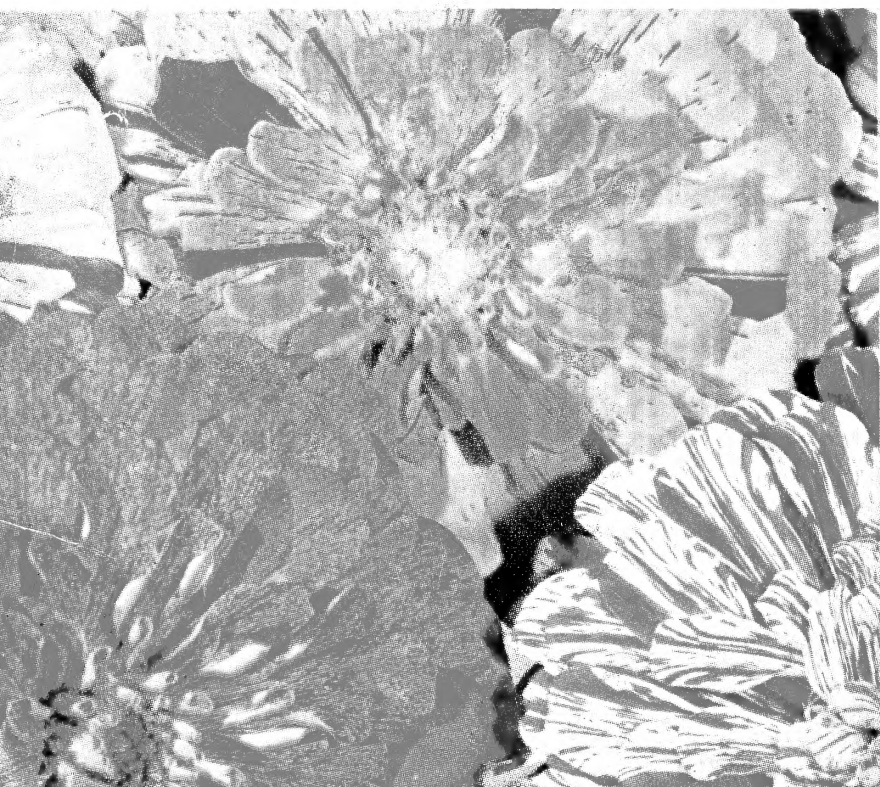


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